

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Sacramento Maintenance Yard Maintenance Area 0009

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Left	19.35

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/24/2018 - 5/2/2018			
DWR Inspector	Zach Jojola			
Accompanied By	David Torres DWR			
	David Julian DWR			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_MA0009_01_s _ 2013_24				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	32
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_MA0009_01_s _ 2013_32				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	48
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_MA0009_01_s _ 2013_48				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has a written flood response plan and flood response training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

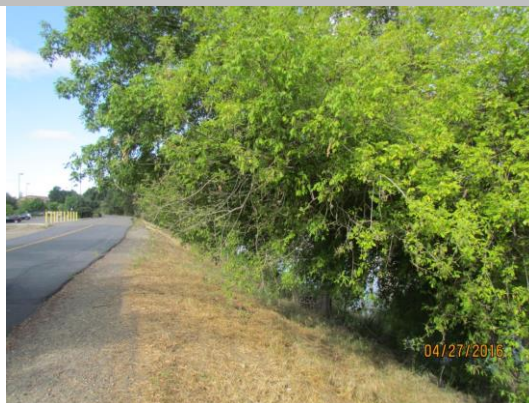
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.07	Rating **	C	Issue No.	233
LM End	0.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540219 °	38.540219 °
				-121.512112 °	-121.512112 °
DWR ID	DWR_MA0009_01_s_2017_233				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.37	Rating **	M	Issue No.	286
LM End	0.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.536875 °	38.536875 °
				-121.515533 °	-121.515533 °
DWR ID	DWR_MA0009_01_s_2016_286				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_286_20180306_00225.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

LM Start	0.38	Rating **	M	Issue No.	298
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.536712 °	38.536712 °
				-121.515757 °	-121.515757 °
DWR ID	DWR_MA0009_01_f_2017_298				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Footpath that is beginning to erode further from runoff.					

Photo 1 of 1 : SP_2018_MA0009_201_298_20180306_00233.jpg



View of erosion on waterside slope. Fall 2017.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.39	Rating **	M	Issue No.	1
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.536756 °	38.536036 °
				-121.516107 °	-121.517087 °
DWR ID	DWR_MA0009_01_s_2016_1				
Comment Code					
Inspector Comment					
1997 - Large cottonwoods on slope. 2003 - Some minor sloughing. 2004 - New sediment deposition on the downstream end. 2007 - New dock was installed without notification to USACE and halted the planned repair due to ROW issues. 2015: Minor new erosion at toe. [2015 Site ID: SAC 55-5 L]					

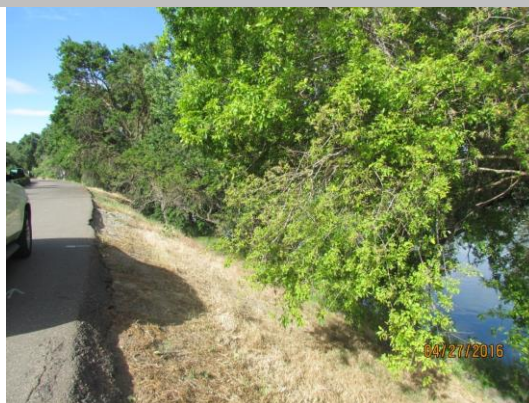
Photo 1 of 1 : SP_2018_MA0009_201_1_20180306_00001.jpg



USACE 2013 Photo #1

LM Start	0.40	Rating **	M	Issue No.	281
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.536556 °	38.536556 °
				-121.515990 °	-121.515990 °
DWR ID	DWR_MA0009_01_f_2015_281				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_281_20180306_00220.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.46	Rating **	U	Issue No.	1769	
LM End	0.46	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.535910 °	38.535910 °	
				-121.516640 °	-121.516640 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51245 DS_ID:17404 EP_NO: 2536 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 12/02/2016 same as last inspection unable to locate line. Need to coordinate with PG&E to determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Gas line should be located if possible. May require use of a metal detector. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2-inch (1.5-inch listed in permit) gas line of an unknown material through the levee, 3 feet below the crown. Line connects from Riverside Boulevard and West Coast Drive on the landside (LS), continues across the levee, and runs parallel along the waterside (WS) slope for about 411 feet. (1.5-inch gas line service authorized under Permit No. 2536, 1957 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.47	Rating **	U	Issue No.	1770
LM End	0.47	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.535790 °	38.535790 °
				-121.516720 °	-121.516720 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51246 DS_ID:17405 EP_NO: 6332 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 12/02/2016 same as last inspection. Need to coordinate with owner to locate and determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Need to locate utility. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 0.75-inch gasoline (permit indicates 1-inch inner diameter gage 10) of unknown material through the levee, 1.5 feet below the crown (0.75-inch gas pipeline used to service "The Captain's Table" area authorized under Permit No. 6332, 1968 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016					

No Photos

LM Start	0.53	Rating **	M	Issue No.	282
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.534930 °	38.534930 °
				-121.517314 °	-121.517314 °
DWR ID	DWR_MA0009_01_f_2015_282				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple animal burrows on waterside slope.					

Photo 1 of 4 : SP_2018_MA0009_201_282_20180306_00221.jpg



Updated view of rodent burrows on waterside slope. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.53	Rating **	M	Issue No.	282 (cont)	
LM End	0.53	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.534930 °		38.534930 °
				-121.517314 °		-121.517314 °
DWR ID	DWR_MA0009_01_f_2015_282					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
Multiple animal burrows on waterside slope.						

LM Start	0.53	Rating **	M	Issue No.	282 (cont)
LM End	0.53	Issue Type +	Ma	Location *	WS

Photo 2 of 4 : SP_2018_MA0009_201_282_20180306_00222.jpg



View of rodent holes on the waterside slope of the levee. Fall 2016

Photo 3 of 4 : SP_2018_MA0009_201_282_20180306_00223.jpg



View of the rodent holes on waterside of the levee.

LM Start	0.53	Rating **	M	Issue No.	282 (cont)
LM End	0.53	Issue Type +	Ma	Location *	WS

Photo 4 of 4 : SP_2018_MA0009_201_282_20180306_00224.jpg



View of the rodent hole on the waterward side of the levee. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.55	Rating **	M	Issue No.	1771
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.534830 °	38.534830 °
				-121.517530 °	-121.517530 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:47076 DS_ID:18890 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe is open on WS and may need to be removed or Abandoned in place. Only WS of pipe could be seen. FIELD_STRUCT_DESC: 1-inch steel pipe of an unknown purpose through the levee, 10 feet below the crown. FS Date: 6/19/2012 2:51:00 PM					

Photo 1 of 2 : UCIP_SP_2018_47076_8695.jpg



Pipe exiting bank just below tree at center of photo on WS slope.

LM Start	0.55	Rating **	M	Issue No.	1771 (cont)
LM End	0.55	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_47076_8694.jpg



View from WS shoulder. Pipe is at bottom right of tree on WS bank.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.66	Rating **	M	Issue No.	7
LM End	0.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534105 °	38.533870 °
				-121.519389 °	-121.520134 °
DWR ID	DWR_MA0009_01_s_2012_7				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_7_20180306_00006.jpg



Landscaping at the toe of the levee on the landward side of the levee.
Fall 2015.

LM Start	0.66	Rating **	M	Issue No.	7 (cont)
LM End	0.70	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_7_20180306_00007.jpg



View of the building on the landward side of the levee. Spring 2016.

LM Start	0.70	Rating **	M	Issue No.	8
LM End	0.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.534144 °	38.533143 °
				-121.520263 °	-121.523010 °
DWR ID	DWR_MA0009_01_s_2018_8				
Comment Code					
Inspector Comment					
Site previously named 55.1. 2003 - Pockets of toe erosion at low flow waterline. 2005 - Site renamed 55.2. Still have pockets of erosion but rock bench at waterline is still present. 2010 - Site extended upstream due to new erosion. 2011 - Some of the toe rock has failed. The upper levee slope seems to be slumping. 2012 - Minor new slumping. 2015: No observed changes. [2015 Site ID: SAC 55-2 L]					

Photo 1 of 2 : SP_2018_MA0009_201_8_20180306_00008.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.70	Rating **	M	Issue No.	8 (cont)	
LM End	0.86	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2015 USACE Erosion Survey, DRAFT			38.534144 °		38.533143 °
				-121.520263 °		-121.523010 °
DWR ID	DWR_MA0009_01_s_2018_8					
Comment Code						
Inspector Comment						
Site previously named 55.1. 2003 - Pockets of toe erosion at low flow waterline. 2005 - Site renamed 55.2. Still have pockets of erosion but rock bench at waterline is still present. 2010 - Site extended upstream due to new erosion. 2011 - Some of the toe rock has failed. The upper levee slope seems to be slumping. 2012 - Minor new slumping. 2015: No observed changes. [2015 Site ID: SAC_55-2_L]						

Photo 2 of 2 : SP_2018_MA0009_201_8_20180306_00009.jpg



USACE 2013 Photo #2

LM Start	0.78	Rating **	M	Issue No.	302	
LM End	0.78	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.533406 °		38.533406 °
				-121.521463 °		-121.521463 °
DWR ID	DWR_MA0009_01_f_2017_302					
Comment Code						
TR : Tree or limb						
Inspector Comment						

Photo 1 of 1 : SP_2018_MA0009_201_302_20180425_00520.jpg



View of limbs on the crown. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

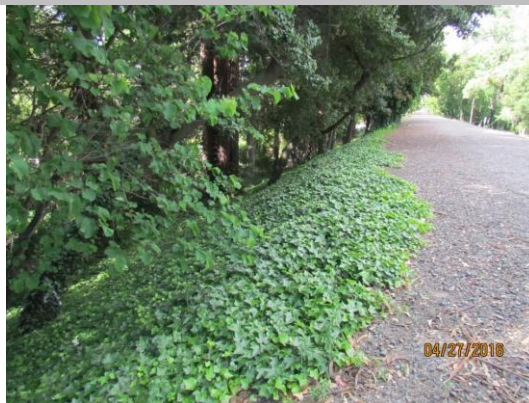
Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.79	Rating **	M	Issue No.	10
LM End	0.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.533348 °	38.533207 °
				-121.521576 °	-121.521916 °
DWR ID	DWR_MA0009_01_f_2016_10				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence and trees are permitted by Permit 12394, but groundcover is not. Groundcover obstructs visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_10_20180306_00010.jpg



View of the vegetation on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.83	Rating **	M	Issue No.	242
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533056 °	38.533056 °
				-121.522339 °	-121.522339 °
DWR ID	DWR_MA0009_01_f_2016_242				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_242_20180306_00189.jpg



Old footpath on landside slope of the levee. Fall 2016 inspection.

LM Start	0.85	Rating **	M	Issue No.	13
LM End	0.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.532945 °	38.532920 °
				-121.522570 °	-121.522648 °
DWR ID	DWR_MA0009_01_s_2012_13				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_13_20180306_00011.jpg



View of the Footpath that cuts into the levee slope on the landward side looking downstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.85	Rating **	M	Issue No.	1772
LM End	0.85	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.532930 °	38.532930 °	
			-121.522610 °	-121.522610 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:41534
DS_ID:17407
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Appears abandoned.
FIELD_STRUCT_DESC: 1.5-inch electrical conduit of an unknown material through the levee, at an unknown depth. Pole on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1991].
FS Date: 6/19/2012 7:58:00 AM

LM Start	0.85	Rating **	M	Issue No.	1772 (cont)
LM End	0.85	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_41534_6104.jpg



Electrical conduit at bottom of pole on water side.

Photo 2 of 2 : UCIP_SP_2018_41534_6103.jpg



Electrical conduit at bottom of pole on water side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.86	Rating **	M	Issue No.	236
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.532902 °	38.532902 °
				-121.522707 °	-121.522707 °
DWR ID	DWR_MA0009_01_s_2017_236				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree has exposed root system and created a void within the levee prism.					

Photo 1 of 1 : SP_2018_MA0009_201_236_20180306_00179.jpg



View of fallen tree on landside slope. Spring 2017.

LM Start	0.87	Rating **	U	Issue No.	292
LM End	0.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532847 °	38.532504 °
				-121.522872 °	-121.523770 °
DWR ID	DWR_MA0009_01_f_2016_292				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Permit 6292-A covers the fence, sprinkler system, a light pole, and wooden steps. Groundcover is obstructing visibility.					

Photo 1 of 2 : SP_2018_MA0009_201_292_20180306_00227.jpg



Landscaping on waterward slope. Fall 2016 inspection.

LM Start	0.87	Rating **	U	Issue No.	292 (cont)
LM End	0.92	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2018_MA0009_201_292_20180306_00228.jpg



View of the landscaping on the waterward side of the levee looking upstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.88	Rating **	U	Issue No.	15
LM End	0.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532730 °	38.532628 °
				-121.523129 °	-121.523406 °
DWR ID	DWR_MA0009_01_s_2012_15				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Permit 16347 covers the English ivy groundcover and five ornamental trees on the landside. Trees are obstructing view and need to be trimmed.					

Photo 1 of 2 : SP_2018_MA0009_201_15_20180306_00012.jpg



Groundcover on landside slope. Fall 2016 inspection.

LM Start	0.88	Rating **	U	Issue No.	15 (cont)
LM End	0.90	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_15_20180306_00013.jpg



View of the groundcover and trees on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.90	Rating **	M	Issue No.	1773	
LM End	0.90	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.532640 °	38.532640 °	
				-121.523370 °	-121.523370 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40523						
DS_ID:17727						
EP_NO: 4809						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Could not locate service box due to excessive vegetation (see Pics) Possible electrical conduit crossing at this same location.						
FIELD_STRUCT_DESC: 3/4-inch domestic water supply with valve on land side.						
FS Date: 6/19/2012 2:00:00 PM						

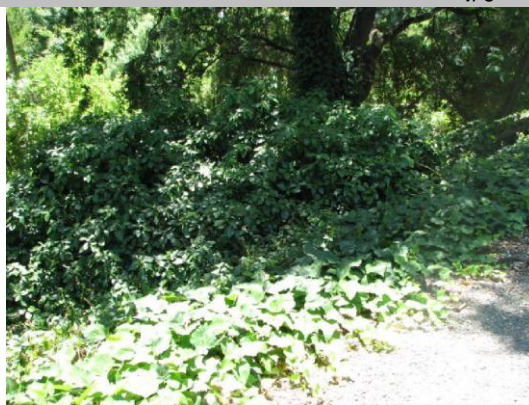
Photo 1 of 2 : UCIP_SP_2018_40523_6122.jpg



Excessive vegetation on waterside.

LM Start	0.90	Rating **	M	Issue No.	1773 (cont)
LM End	0.90	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_40523_6121.jpg



Excessive vegetation on landside.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

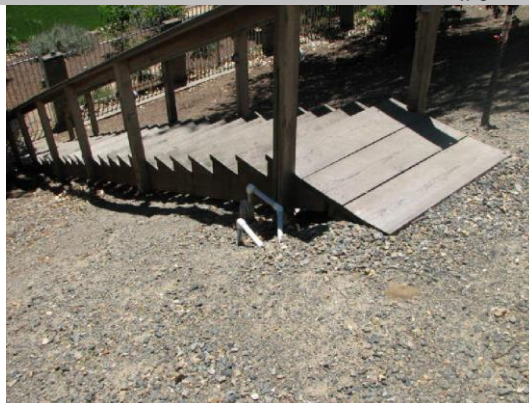
Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.94	Rating **	M	Issue No.	1774
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532380 °	38.532380 °
				-121.524080 °	-121.524080 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5842 DS_ID:18896 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe located 1-foot upstream of stairs on LS slope. FIELD_STRUCT_DESC: 0.75-inch electrical conduit of an unknown material through the levee, 1 foot below the crown. FS Date: 6/19/2012 9:19:25 AM					

Photo 1 of 2 : UCIP_SP_2018_5842_8908.jpg



Electrical conduit on LS slope just upstream of stairs.

LM Start	0.94	Rating **	M	Issue No.	1774 (cont)
LM End	0.94	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5842_8907.jpg



Light on Post WS slope at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.94	Rating **	N	Issue No.	237
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.532357 °	38.532357 °
				-121.524112 °	-121.524112 °
DWR ID	DWR_MA0009_01_s_2017_237				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_237_20180306_00180.jpg



View of stump on waterside slope. Spring 2017.

LM Start	0.97	Rating **	M	Issue No.	1775
LM End	0.97	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532160 °	38.532160 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5843 DS_ID:18898 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder. FS Date: 6/19/2012 9:24:40 AM					

Photo 1 of 3 : UCIP_SP_2018_5843_8911.jpg



Pipes on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.97	Rating **	M	Issue No.	1775 (cont)	
LM End	0.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.532160 °	38.532160 °	
				-121.524660 °	-121.524660 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5843						
DS_ID:18898						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 1.5-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder.						
FS Date: 6/19/2012 9:24:40 AM						

Photo 2 of 3 : UCIP_SP_2018_5843_8910.jpg



View accross slope towards WS.

LM Start	0.97	Rating **	M	Issue No.	1775 (cont)
LM End	0.97	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5843_8909.jpg



Light on Pole WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.98	Rating **	M	Issue No.	1776
LM End	0.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532150 °	38.532150 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5844 DS_ID:18897 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder. FS Date: 6/19/2012 9:30:37 AM					

Photo 1 of 3 : UCIP_SP_2018_5844_8914.jpg



Pipes visible on LS slope.

LM Start	0.98	Rating **	M	Issue No.	1776 (cont)
LM End	0.98	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5844_8913.jpg



View accross levee towards WS from LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.98	Rating **	M	Issue No.	1776 (cont)	
LM End	0.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.532150 °	38.532150 °	
				-121.524660 °	-121.524660 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5844 DS_ID:18897 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder. FS Date: 6/19/2012 9:30:37 AM						

Photo 3 of 3 : UCIP_SP_2018_5844_8912.jpg



Light on Pole WS slope.

LM Start	0.98	Rating **	M	Issue No.	1777
LM End	0.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532150 °	38.532150 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5845 DS_ID:18899 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder. Light on pole next to irrigation box on the waterside (WS) shoulder. FS Date: 6/19/2012 9:32:28 AM					

Photo 1 of 2 : UCIP_SP_2018_5845_8916.jpg



Pipes with shutoff valve on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.98	Rating **	M	Issue No.	1777 (cont)	
LM End	0.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.532150 °	38.532150 °	
				-121.524660 °	-121.524660 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5845 DS_ID:18899 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder. Light on pole next to irrigation box on the waterside (WS) shoulder. FS Date: 6/19/2012 9:32:28 AM						

Photo 2 of 2 : UCIP_SP_2018_5845_8915.jpg



WS slope showing christie box on surface with waterline under box at downstream side of light post.

LM Start	0.98	Rating **	C	Issue No.	305
LM End	0.98	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.532127 °	38.532127 °
				-121.524729 °	-121.524729 °
DWR ID	DWR_MA0009_01_f_2017_305				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	0.99	Rating **	M	Issue No.	1778
LM End	0.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532070 °	38.532070 °
				-121.524950 °	-121.524950 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5846 DS_ID:18900 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder. FS Date: 6/19/2012 9:36:43 AM					

Photo 1 of 1 : UCIP_SP_2018_5846_8917.jpg



View of pipe and valve on LS shoulder looking towards WS slope.

LM Start	0.99	Rating **	M	Issue No.	1779
LM End	0.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532050 °	38.532050 °
				-121.524940 °	-121.524940 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5847 DS_ID:18901 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder. FS Date: 6/19/2012 9:39:42 AM					

Photo 1 of 1 : UCIP_SP_2018_5847_8918.jpg



Pipes visible on LS shoulder/slope looking towards WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.01	Rating **	M	Issue No.	1780	
LM End	1.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531970 °	38.531970 °	
				-121.525210 °	-121.525210 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5848 DS_ID:18903 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib and electrical box visible on the waterside (WS) shoulder. Pipe visible on the downstream side of the landside (LS) shoulder stairs. (Permit No. 6293, 1968 - William H. Geyer). FS Date: 6/19/2012 9:42:01 AM						

Photo 1 of 3 : UCIP_SP_2018_5848_8921.jpg



Hose bib on WS slope downstream 2-feet from stairs.

LM Start	1.01	Rating **	M	Issue No.	1780 (cont)
LM End	1.01	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5848_8920.jpg



Closeup of hose bib.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.01	Rating **	M	Issue No.	1780 (cont)	
LM End	1.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531970 °	38.531970 °	
				-121.525210 °	-121.525210 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5848 DS_ID:18903 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib and electrical box visible on the waterside (WS) shoulder. Pipe visible on the downstream side of the landside (LS) shoulder stairs. (Permit No. 6293, 1968 - William H. Geyer). FS Date: 6/19/2012 9:42:01 AM						

Photo 3 of 3 : UCIP_SP_2018_5848_8919.jpg



Pipes on LS slope 1-foot downstream from concrete stairs.

LM Start	1.01	Rating **	M	Issue No.	1781
LM End	1.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531960 °	38.531960 °
				-121.525210 °	-121.525210 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5849 DS_ID:18902 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Hose bib and electrical box visible on the waterside (WS) shoulder. Pipe visible on the downstream side of the landside (LS) shoulder stairs. (Permit No. 6293, 1968 - William H. Geyer). FS Date: 6/19/2012 9:45:10 AM					

Photo 1 of 2 : UCIP_SP_2018_5849_8923.jpg



Electrical conduit on WS slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.01	Rating **	M	Issue No.	1781 (cont)	
LM End	1.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531960 °	38.531960 °	
				-121.525210 °	-121.525210 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5849						
DS_ID:18902						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical						
conduit through the levee, 1.5 feet below the crown. Hose bib and						
electrical box visible on the waterside (WS) shoulder. Pipe visible on the						
downstream side of the landside (LS) shoulder stairs. (Permit No. 6293,						
1968 - William H. Geyer).						
FS Date: 6/19/2012 9:45:10 AM						

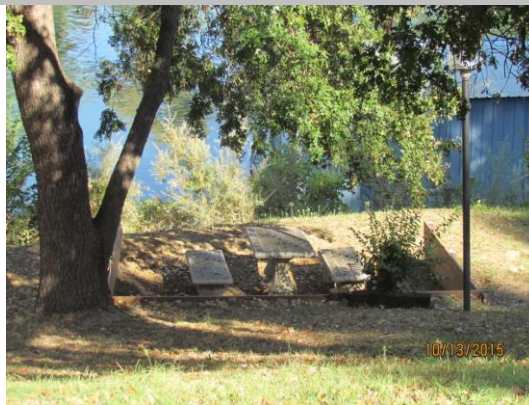
Photo 2 of 2 : UCIP_SP_2018_5849_8922.jpg



Electrical conduit on LS slope.

LM Start	1.01	Rating **	M	Issue No.	303
LM End	1.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.531959 °	38.531959 °
				-121.525236 °	-121.525236 °
DWR ID	DWR_MA0009_01_f_2015_303				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_303_20180306_00243.jpg



View of the table and retaining wall on the waterward side of the levee. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.02	Rating **	M	Issue No.	1782	
LM End	1.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531880 °	38.531880 °	
				-121.525470 °	-121.525470 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5850 DS_ID:18904 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bibs on both the waterside (WS) and the landside (LS) shoulders. T posts mark end of line on both sides of the levee. FS Date: 6/19/2012 9:47:29 AM						

Photo 1 of 3 : UCIP_SP_2018_5850_8926.jpg



Hose bib and T-post on LS slope 3-feet upstream of concrete stairs.

LM Start	1.02	Rating **	M	Issue No.	1782 (cont)
LM End	1.02	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5850_8925.jpg



Hosebib on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.02	Rating **	M	Issue No.	1782 (cont)	
LM End	1.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531880 °	38.531880 °	
				-121.525470 °	-121.525470 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5850 DS_ID:18904 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bibs on both the waterside (WS) and the landside (LS) shoulders. T posts mark end of line on both sides of the levee. FS Date: 6/19/2012 9:47:29 AM						

Photo 3 of 3 : UCIP_SP_2018_5850_8924.jpg



Hosebib on WS slope.

LM Start	1.02	Rating **	M	Issue No.	28
LM End	1.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.531853 °	38.531755 °
				-121.525512 °	-121.525794 °
DWR ID	DWR_MA0009_01_s_2012_28				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Permit 16352 covers wooden steps, an irrigation system, six ornamental trees and ground cover. Trees need to be trimmed.					

Photo 1 of 2 : SP_2018_MA0009_201_28_20180306_00020.jpg



View of the landscaping on the landward side of the levee. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.02	Rating **	M	Issue No.	28 (cont)
LM End	1.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.531853 °	38.531755 °
				-121.525512 °	-121.525794 °
DWR ID	DWR_MA0009_01_s_2012_28				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Permit 16352 covers wooden steps, an irrigation system, six ornamental trees and ground cover. Trees need to be trimmed.					

Photo 2 of 2 : SP_2018_MA0009_201_28_20180306_00021.jpg



Perspective view of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	1.04	Rating **	M	Issue No.	1783
LM End	1.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531750 °	38.531750 °
				-121.525810 °	-121.525810 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5851					
DS_ID:18905					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing. Pipe open on WS slope.					
FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib on the landside (LS) shoulder.					
FS Date: 6/19/2012 9:50:50 AM					

Photo 1 of 3 : UCIP_SP_2018_5851_8929.jpg



Hosebib on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.04	Rating **	M	Issue No.	1783 (cont)	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531750 °	38.531750 °	
				-121.525810 °	-121.525810 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5851 DS_ID:18905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe open on WS slope. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib on the landside (LS) shoulder. FS Date: 6/19/2012 9:50:50 AM						

Photo 2 of 3 : UCIP_SP_2018_5851_8928.jpg



Hosebib on WS slope.

LM Start	1.04	Rating **	M	Issue No.	1783 (cont)
LM End	1.04	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5851_8927.jpg



Hosebib on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.06	Rating **	M	Issue No.	1784	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531650 °	38.531650 °	
				-121.526100 °	-121.526100 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5852 DS_ID:18906 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib on the waterside (WS) shoulder. Water line located 4 feet upstream of concrete stairs on the landside (LS) slope. (Permit No. 3580, 1961 - Owen L. Perdue). FS Date: 6/19/2012 9:57:16 AM						

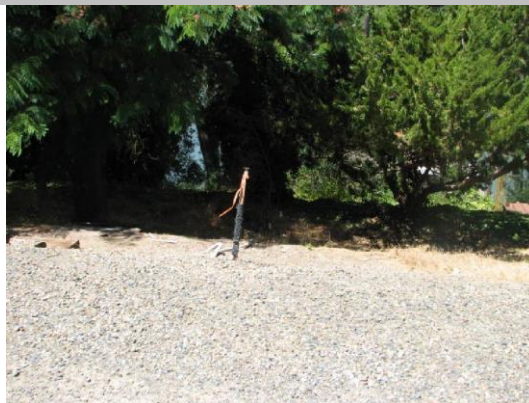
Photo 1 of 2 : UCIP_SP_2018_5852_8932.jpg



Pipe on LS slope 4-feet upstream from concrete stairs.

LM Start	1.06	Rating **	M	Issue No.	1784 (cont)
LM End	1.06	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5852_8931.jpg



Hose bib on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.06	Rating **	M	Issue No.	1785	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.531630 °	38.531630 °	
				-121.526100 °	-121.526100 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5857 DS_ID:18907 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. FS Date: 6/19/2012 10:00:00 AM						

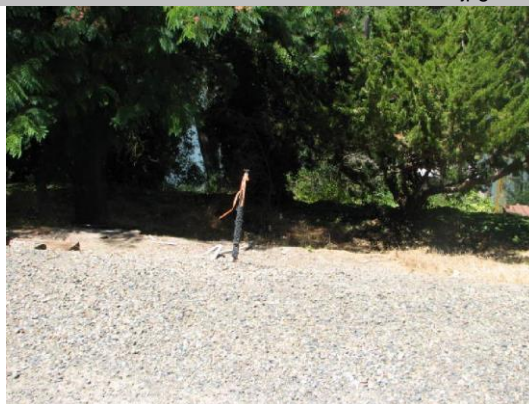
Photo 1 of 2 : UCIP_SP_2018_5857_8942.jpg



Electrical conduit on LS slope.

LM Start	1.06	Rating **	M	Issue No.	1785 (cont)
LM End	1.06	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5857_8941.jpg



Electrical conduit on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.08	Rating **	M	Issue No.	3
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.531806 °	38.531417 °
				-121.526566 °	-121.527589 °
DWR ID	DWR_MA0009_01_s_2016_3				
Comment Code					
Inspector Comment					
2011 - A large tree has fallen behind a larger tree, putting stress on an already compromised tree. Toe erosion due to wave wash. 2013 - Site extended upstream due to steep bank. 2015: Site extended upstream due to steep bank. [2015 Site ID: SAC_54-8_L]					

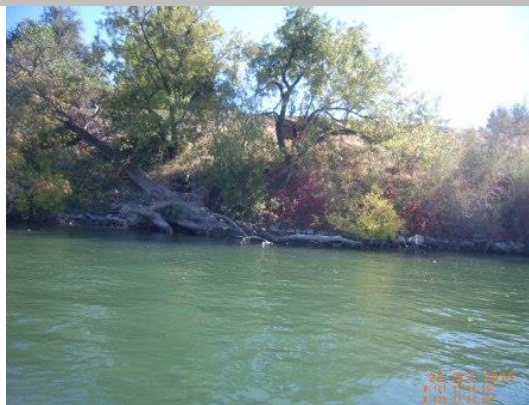
Photo 1 of 2 : SP_2018_MA0009_201_3_20180306_00002.jpg



USACE 2013 Photo #1

LM Start	1.08	Rating **	M	Issue No.	3 (cont)
LM End	1.14	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_MA0009_201_3_20180306_00003.jpg



USACE 2013 Photo #2

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.13	Rating **	C	Issue No.	229
LM End	1.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.531354 °	38.531314 °
				-121.527286 °	-121.527379 °
DWR ID	DWR_MA0009_01_f_2017_229				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:54					
Site Designation:MA9-01					
Repair Type: Erosion					
Rating:Serious					
Field Date:5/18/2017					
Notes: This site was visited but no data was recorded at the time. The Sac Yard is planning on repairing this site by the end of November this year. Visqueen was placed on site during the storms. Site repaired as of inspection date.					

No Photos

LM Start	1.26	Rating **	M	Issue No.	33
LM End	1.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.529952 °	38.529420 °
				-121.528770 °	-121.528905 °
DWR ID	DWR_MA0009_01_s_2012_33				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence has been permitted by Permit 16410. Trees need to be trimmed for visibility.					

Photo 1 of 2 : SP_2018_MA0009_201_33_20180306_00022.jpg



The trees and woody vegetation blocks visibility. Fall 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.26	Rating **	M	Issue No.	33 (cont)	
LM End	1.29	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.529952 °		38.529420 °
				-121.528770 °		-121.528905 °
DWR ID	DWR_MA0009_01_s_2012_33					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Fence has been permitted by Permit 16410. Trees need to be trimmed for visibility.						

Photo 2 of 2 : SP_2018_MA0009_201_33_20180306_00023.jpg



The owner has made great progress with the vegetation. Vegetation still blocks visibility. Spring 2014

LM Start	1.27	Rating **	M	Issue No.	312
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.529798 °	38.529679 °
				-121.528808 °	-121.528858 °
DWR ID	DWR_MA0009_01_f_2015_312				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion on WS of the levee.					

Photo 1 of 2 : SP_2018_MA0009_201_312_20180306_00247.jpg



Erosion site on the waterward side of the levee. Fall 2016 inspection.

LM Start	1.27	Rating **	M	Issue No.	312 (cont)
LM End	1.28	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_MA0009_201_312_20180306_00248.jpg



View of the erosion on the waterward side of the levee looking downstream. Erosion is on below the shoulder of the levee. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

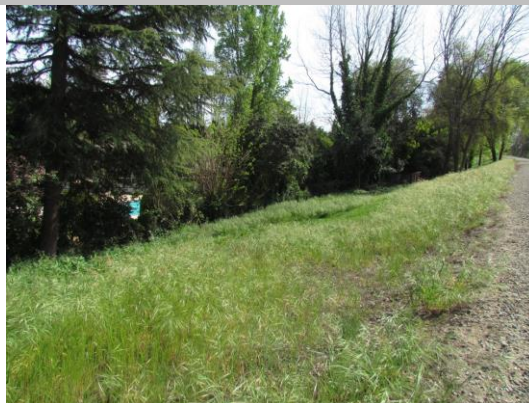
Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.29	Rating **	M	Issue No.	34
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.529468 °	38.528930 °
				-121.528823 °	-121.528820 °
DWR ID	DWR_MA0009_01_s_2012_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence is permitted through Permit 16354. Trees need to be thinned and trimmed for visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_34_20180306_00024.jpg



View of vegetation on the landward side of the levee looking downstream. Spring 2015.

LM Start	1.33	Rating **	M	Issue No.	36
LM End	1.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.528913 °	38.528727 °
				-121.528818 °	-121.528809 °
DWR ID	DWR_MA0009_01_s_2012_36				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_36_20180306_00025.jpg



A wooden fence is within the easement of the levee. Fall 2013

LM Start	1.37	Rating **	M	Issue No.	241
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.528255 °	38.528255 °
				-121.528800 °	-121.528800 °
DWR ID	DWR_MA0009_01_f_2016_241				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_241_20180306_00187.jpg



Irrigation system provides water to vegetation on landside slope. Fall 2016 inspection. Another view.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.37	Rating **	M	Issue No.	241 (cont)	
LM End	1.37	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.528255 °		38.528255 °
				-121.528800 °		-121.528800 °
DWR ID	DWR_MA0009_01_f_2016_241					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_241_20180306_00188.jpg



Irrigation system provides water to vegetation on landside slope. Fall 2016 inspection.

LM Start	1.48	Rating **	A/W	Issue No.	22
LM End	1.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.526787 °	38.526787 °
				-121.528096 °	-121.528096 °
DWR ID	DWR_MA0009_01_f_2012_22				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence is permitted by Permit 7474. Fence seems to be cleared of vegetation but vines are still present on the fence.					

Photo 1 of 2 : SP_2018_MA0009_201_22_20180306_00018.jpg



Vegetation grows on the fence and blocks visibility. Fall 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.48	Rating **	A/W	Issue No.	22 (cont)	
LM End	1.48	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.526787 °		38.526787 °
				-121.528096 °		-121.528096 °
DWR ID	DWR_MA0009_01_f_2012_22					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Fence is permitted by Permit 7474. Fence seems to be cleared of vegetation but vines are still present on the fence.						

Photo 2 of 2 : SP_2018_MA0009_201_22_20180306_00019.jpg



View of the fence and vegetation on the landward side of the levee looking downstream. Vegetation on the fence is gone but may grow back given time. Spring 2016.

LM Start	1.49	Rating **	C	Issue No.	294
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.526749 °	38.526749 °
				-121.528069 °	-121.528069 °
DWR ID	DWR_MA0009_01_s_2016_294				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.49	Rating **	C	Issue No.	311
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.526655 °	38.526655 °
				-121.528055 °	-121.528055 °
DWR ID	DWR_MA0009_01_f_2017_311				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair ruts caused by vehicles.					

No Photos

LM Start	1.55	Rating **	M	Issue No.	240
LM End	1.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.525943 °	38.525943 °
				-121.527345 °	-121.527345 °
DWR ID	DWR_MA0009_01_f_2016_240				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_240_20180306_00186.jpg



Old wooden stairway on landside. Fall 2016 inspection.

LM Start	1.60	Rating **	M	Issue No.	39
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.525471 °	38.525368 °
				-121.526625 °	-121.526440 °
DWR ID	DWR_MA0009_01_s_2012_39				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cypress trees are blocking visibility on the landward side.					

Photo 1 of 2 : SP_2018_MA0009_201_39_20180306_00026.jpg



The tall hedge blocks visibility. Fall 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.60	Rating **	M	Issue No.	39 (cont)	
LM End	1.62	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.525471 °		38.525368 °
				-121.526625 °		-121.526440 °
DWR ID	DWR_MA0009_01_s_2012_39					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Cypress trees are blocking visibility on the landward side.						

Photo 2 of 2 : SP_2018_MA0009_201_39_20180306_00027.jpg



The cypress have been raised but still partially blocks visibility. Spring 2014

LM Start	1.70	Rating **	C	Issue No.	296
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.524646 °	38.524646 °
				-121.525274 °	-121.525274 °
DWR ID	DWR_MA0009_01_s_2014_296				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.73	Rating **	M	Issue No.	239
LM End	1.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.524346 °	38.524346 °
				-121.524854 °	-121.524854 °
DWR ID	DWR_MA0009_01_f_2016_239				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_239_20180306_00184.jpg



Old wooden stairway on landside. Fall 2016 inspection.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.73	Rating **	M	Issue No.	239 (cont)	
LM End	1.73	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.524346 °		38.524346 °
				-121.524854 °		-121.524854 °
DWR ID	DWR_MA0009_01_f_2016_239					
Comment Code						
ST : Stairway						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_239_20180306_00185.jpg



Old wooden stairway on landside. Fall 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.82	Rating **	M	Issue No.	1786	
LM End	1.82	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.523360 °	38.523360 °	
				-121.523660 °	-121.523660 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:4703 DS_ID:17408 EP_NO: 5304A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 02/02/2012, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP - O. Magana) 06/19/2012 Concrete around outlet broken up on both downstream and upstream side of outlet. Needs some repairs to prevent further damage. (DWR UCIP - W. Wylie) FIELD_STRUCT_DESC: [Sump No. 140] 8-foot by 8-foot reinforced concrete box drainage culvert through the levee, 28.9 feet below the crown. Pumps are located at the 35th Avenue sewage treatment plant. Concrete gate riser box is located on the waterside (WS) shoulder. Concrete headwall and flap gate on the WS end. (108-inch pipe authorized under Permit No. 5304, 1966 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 115, East Levee of Sacramento River From Sutterville Road to North Boundary of Reclamation District No. 744, February 1955, (Station 290+90, 78-inch diam steel pipe)] FS Date: 6/19/2012 2:20:32 PM						

LM Start	1.82	Rating **	M	Issue No.	1786 (cont)
LM End	1.82	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_4703_6128.jpg



Broken up concrete apron on downstream side of outlet

Photo 2 of 3 : UCIP_SP_2018_4703_6127.jpg



Broken up concrete apron on upstream side of outlet

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.82	Rating **	M	Issue No.	1786 (cont)	
LM End	1.82	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.523360 °	38.523360 °	
				-121.523660 °	-121.523660 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:4703 DS_ID:17408 EP_NO: 5304A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 02/02/2012, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP - O. Magana) 06/19/2012 Concrete around outlet broken up on both downstream and upstream side of outlet. Needs some repairs to prevent further damage. (DWR UCIP - W. Wylie) FIELD_STRUCT_DESC: [Sump No. 140] 8-foot by 8-foot reinforced concrete box drainage culvert through the levee, 28.9 feet below the crown. Pumps are located at the 35th Avenue sewage treatment plant. Concrete gate riser box is located on the waterside (WS) shoulder. Concrete headwall and flap gate on the WS end. (108-inch pipe authorized under Permit No. 5304, 1966 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 115, East Levee of Sacramento River From Sutterville Road to North Boundary of Reclamation District No. 744, February 1955, (Station 290+90, 78-inch diam steel pipe)] FS Date: 6/19/2012 2:20:32 PM						

Photo 3 of 3 : UCIP_SP_2018_4703_6126.jpg



Flap Gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	1.87	Rating **	M	Issue No.	41
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522864 °	38.522507 °
				-121.523062 °	-121.522667 °
DWR ID	DWR_MA0009_01_s_2012_41				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

Photo 1 of 2 : SP_2018_MA0009_201_41_20180306_00029.jpg



Trees on landward side of the levee. Lack of visibility. Fall 2016 inspection.

LM Start	1.87	Rating **	M	Issue No.	41 (cont)
LM End	1.90	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_41_20180306_00030.jpg



View of the trees blocking visibility on the landward side looking downstream. Spring 2016.

LM Start	1.89	Rating **	C	Issue No.	316
LM End	1.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.522654 °	38.522654 °
				-121.522883 °	-121.522883 °
DWR ID	DWR_MA0009_01_f_2015_316				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Tree limbs over the crown of the levee got worse.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.01	Rating **	C	Issue No.	317
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.520972 °	38.520972 °
				-121.522747 °	-121.522747 °
DWR ID	DWR_MA0009_01_f _ 2015_317				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.02	Rating **	M	Issue No.	17
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.520996 °	38.520606 °
				-121.523072 °	-121.523261 °
DWR ID	DWR_MA0009_01_s_2016_17				
Comment Code					
Inspector Comment					
2011 - Erosion into upper and lower slope. There has been significant scour around the tree roots. 2015: No observed changes. [2015 Site ID: SAC_53-8_L]					

Photo 1 of 1 : SP_2018_MA0009_201_17_20180306_00015.jpg



USACE 2013 Photo #1

LM Start	2.04	Rating **	C	Issue No.	318
LM End	2.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.520688 °	38.520688 °
				-121.522924 °	-121.522924 °
DWR ID	DWR_MA0009_01_f_2015_318				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.10	Rating **	A/W	Issue No.	228
LM End	2.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.519921 °	38.519921 °
				-121.523467 °	-121.523467 °
DWR ID	DWR_MA0009_01_s _ 2018_228				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on the landside slope. Recommend monitoring.					

No Photos

LM Start	2.15	Rating **	C	Issue No.	268
LM End	2.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.519200 °	38.519200 °
				-121.524022 °	-121.524022 °
DWR ID	DWR_MA0009_01_s _ 2017_268				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.18	Rating **	A/W	Issue No.	313
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.518878 °	38.518878 °
				-121.524288 °	-121.524288 °
DWR ID	DWR_MA0009_01_s _ 2016_313				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_313_20180306_00249.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.22	Rating **	A/W	Issue No.	321
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.518443 °	38.518443 °
				-121.524740 °	-121.524740 °
DWR ID	DWR_MA0009_01_f_2017_321				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.28	Rating **	A/W	Issue No.	327
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517959 °	38.517959 °
				-121.525583 °	-121.525583 °
DWR ID	DWR_MA0009_01_f_2017_327				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.28	Rating **	M	Issue No.	243
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.517942 °	38.517942 °
				-121.525612 °	-121.525612 °
DWR ID	DWR_MA0009_01_f_2016_243				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion from runoff.					

Photo 1 of 1 : SP_2018_MA0009_201_243_20180306_00190.jpg



View of erosion site on waterward slope of the levee. Fall 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.30	Rating **	M	Issue No.	244
LM End	2.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517755 °	38.517755 °
				-121.525941 °	-121.525941 °
DWR ID	DWR_MA0009_01_f_2016_244				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_244_20180425_00521.jpg



Updated view of foot path on the landside slope. Spring 2018.

LM Start	2.30	Rating **	M	Issue No.	244 (cont)
LM End	2.30	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_244_20180306_00191.jpg



Foot path on landside slope of the levee. Fall 2016 inspection.

LM Start	2.33	Rating **	A/W	Issue No.	322
LM End	2.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517526 °	38.517526 °
				-121.526431 °	-121.526431 °
DWR ID	DWR_MA0009_01_f_2015_322				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_322_20180306_00255.jpg



View of the slope stability on the waterward side of the levee looking downstream. Spring 2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.40	Rating **	M	Issue No.	323
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517131 °	38.517131 °
				-121.527568 °	-121.527568 °
DWR ID	DWR_MA0009_01_f_2015_323				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_323_20180306_00256.jpg



View of the the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	2.40	Rating **	M	Issue No.	323 (cont)
LM End	2.40	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_323_20180306_00257.jpg



Additional view of slope stability. Fall 2015.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.51	Rating **	A/W	Issue No.	230
LM End	2.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.516660 °	38.516653 °
				-121.529538 °	-121.529645 °
DWR ID	DWR_MA0009_01_f_2017_230				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:230					
Site Designation:LMA-63					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:2/10/2017					
Notes: Oversized section of levee with rip rap on the waterside slope.					
Little damage visible.					

Photo 1 of 3 : LEVAL_SP_2018_230_66.jpg



LM Start	2.51	Rating **	A/W	Issue No.	230 (cont)
LM End	2.52	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_SP_2018_230_67.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

Photo 3 of 3 : LEVAL_SP_2018_230_68.jpg

A photograph showing a riverbank. In the foreground, there is a patch of dry, yellowish-brown grass and some green weeds growing on a sandy or silty bank. A large, mature tree with a thick, dark trunk and dense green foliage stands prominently on the left side of the frame. The tree's branches extend over the water. The river itself is calm, reflecting the sky and the surrounding greenery. The water appears dark blue or black. In the background, more trees and foliage are visible along the opposite bank.

Photo 1 of 3 : LEVAL_SP_2018_84.jpg

A photograph showing a large pile of grey rocks in the foreground, with three people standing on a grassy hill in the background under a clear sky.Page 49 of 277

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.57	Rating **	A/W	Issue No.	231 (cont)
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.516444 °	38.516442 °
				-121.530639 °	-121.530677 °
DWR ID	DWR_MA0009_01_f _ 2017_231				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:231					
Site Designation:LMA-64					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/2/2017					
Notes: The crown of this levee is well over 60 feet, and newly placed riprap is on the waterside slope. Minor damage visible.					

Photo 2 of 3 : LEVAL_SP_2018_231_92.jpg



Photo 3 of 3 : LEVAL_SP_2018_231_424.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.57	Rating **	A/W	Issue No.	232
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.516444 °	38.516442 °
				-121.530639 °	-121.530677 °
DWR ID	DWR_MA0009_01_f_2017_232				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:232					
Site Designation:LMA-65					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/2/2017					
Notes: riparian scrub vegetation along WS bank/bech					

LM Start	2.57	Rating **	A/W	Issue No.	232 (cont)
LM End	2.58	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL_SP_2018_232_431.jpg



Photo 2 of 3 : LEVAL_SP_2018_232_436.jpg



* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.57	Rating **	A/W	Issue No.	232 (cont)	
LM End	2.58	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.516444 °	38.516442 °	
				-121.530639 °	-121.530677 °	
DWR ID	DWR_MA0009_01_f_2017_232					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:232						
Site Designation:LMA-65						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/2/2017						
Notes: riparian scrub vegetation along WS bank/bech						

Photo 3 of 3 : LEVAL_SP_2018_232_437.jpg



LM Start	2.58	Rating **	A/W	Issue No.	329
LM End	2.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.516460 °	38.516460 °
				-121.530673 °	-121.530673 °
DWR ID	DWR_MA0009_01_f_2017_329				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Runoff erosion at landside hinge point. Recommend monitoring,					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.72	Rating **	A/W	Issue No.	245
LM End	2.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.516271 °	38.516271 °
				-121.533288 °	-121.533288 °
DWR ID	DWR_MA0009_01_f_2016_245				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_245_20180306_00192.jpg



View of a tree on WS slope looking downstream. Fall 2016.

LM Start	2.73	Rating **	M	Issue No.	235
LM End	2.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.516236 °	38.516236 °
				-121.533581 °	-121.533581 °
DWR ID	DWR_MA0009_01_s_2018_235				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner has dug rows for a garden within 10' of the landside toe.					

Photo 1 of 1 : SP_2018_MA0009_201_235_20180425_00522.jpg



View of garden rows near landside toe. Spring 2018.

LM Start	2.76	Rating **	C	Issue No.	334
LM End	2.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516204 °	38.516204 °
				-121.534081 °	-121.534081 °
DWR ID	DWR_MA0009_01_f_2017_334				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings at landside toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.82	Rating **	M	Issue No.	338
LM End	2.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516144 °	38.516144 °
				-121.535235 °	-121.535235 °
DWR ID	DWR_MA0009_01_f_2017_338				
Comment Code					
DE : Debris					
Inspector Comment					
Debris at landside toe.					

No Photos

LM Start	2.94	Rating **	M	Issue No.	51
LM End	2.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516025 °	38.516025 °
				-121.537391 °	-121.537391 °
DWR ID	DWR_MA0009_01_s_2017_51				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_51_20180306_00032.jpg



Steps and landscaping in easement. Fall 2012

LM Start	2.97	Rating **	M	Issue No.	1254
LM End	2.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515971 °	38.515971 °
				-121.537862 °	-121.537862 °
DWR ID	DWR_MA0009_01_s_2012_1254				
Comment Code					
PL : Pool					
Inspector Comment					
Pool is still there with retaining wall.					

Photo 1 of 1 : SP_2018_MA0009_201_1254_20180306_00321.jpg



Pool and retaining wall in the easement. Fall 2012

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	2.97	Rating **	M	Issue No.	54
LM End	2.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515954 °	38.515954 °
				-121.537966 °	-121.537966 °
DWR ID	DWR_MA0009_01_s_2012_54				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bushes and trees block visibility at the toe of the levee.					

Photo 1 of 1 : SP_2018_MA0009_201_54_20180306_00033.jpg



View of the landscaping planted at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	3.01	Rating **	M	Issue No.	35
LM End	3.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515860 °	38.515821 °
				-121.538635 °	-121.538895 °
DWR ID	DWR_MA0009_01_f_2017_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Footpath and multiple planter boxes at landside toe.					

Photo 1 of 1 : SP_2018_MA0009_201_35_20180425_00523.jpg



View of vegetation and footpath on the landside slope. Spring 2018.

LM Start	3.01	Rating **	M	Issue No.	1768
LM End	3.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515841 °	38.515841 °
				-121.538710 °	-121.538710 °
DWR ID	DWR_MA0009_01_s_2017_1768				
Comment Code					
FW : Firewood					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_1768_20180306_00322.jpg



View of the equipment on the berm of the waterward side looking downstream. Fall 2015.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.03	Rating **	M	Issue No.	58
LM End	3.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515811 °	38.515598 °
				-121.538988 °	-121.539976 °
DWR ID	DWR_MA0009_01_s_2012_58				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_58_20180306_00035.jpg



Several homes have solid fences and make it hard to see.

LM Start	3.05	Rating **	M	Issue No.	37
LM End	3.05	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515757 °	38.515757 °
				-121.539375 °	-121.539375 °
DWR ID	DWR_MA0009_01_f_2017_37				
Comment Code					
DE : Debris					
Inspector Comment					
Chase lounges on crown.					

No Photos

LM Start	3.09	Rating **	M	Issue No.	44
LM End	3.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515568 °	38.515475 °
				-121.540004 °	-121.540503 °
DWR ID	DWR_MA0009_01_f_2017_44				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_44_20180306_00031.jpg



View of fence at landside toe. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

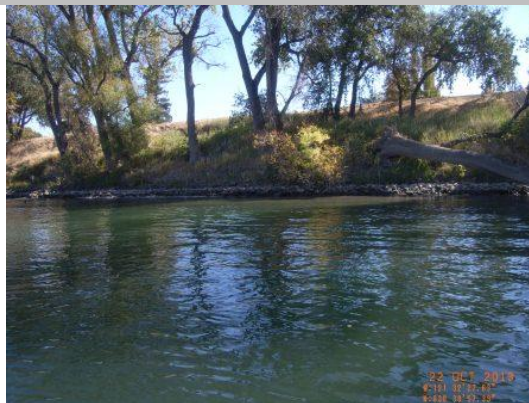
Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.09	Rating **	M	Issue No.	4
LM End	3.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.515887 °	38.515794 °
				-121.540174 °	-121.540713 °
DWR ID	DWR_MA0009_01_s _ 2016_4				
Comment Code					
Inspector Comment					
2010 - Small section of slumping, can be fixed with maintenance.					
2011 - Freshly fallen tree and minor new toe erosion. 2015: No					
observed changes. [2015 Site ID: SAC_52-7_L]					

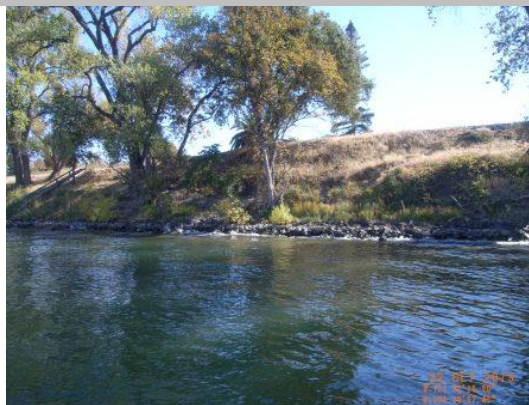
Photo 1 of 2 : SP_2018_MA0009_201_4_20180306_00004.jpg



USACE 2013 Photo #1

LM Start	3.09	Rating **	M	Issue No.	4 (cont)
LM End	3.12	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_MA0009_201_4_20180306_00005.jpg



USACE 2013 Photo #2

LM Start	3.12	Rating **	M	Issue No.	62
LM End	3.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515481 °	38.515481 °
				-121.540605 °	-121.540605 °
DWR ID	DWR_MA0009_01_s _ 2012_62				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Stairs and landscaping are permitted under Permit 18270 and 7525. Retaining wall is an illegal encroachment.					

Photo 1 of 1 : SP_2018_MA0009_201_62_20180306_00036.jpg



View of the steps on the slope and the retaining wall at the toe of the levee on the landward side looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.13	Rating **	M	Issue No.	45
LM End	3.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515453 °	38.515162 °
				-121.540845 °	-121.542132 °
DWR ID	DWR_MA0009_01_f_2017_45				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe.					

No Photos

LM Start	3.18	Rating **	M	Issue No.	165
LM End	3.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515257 °	38.515257 °
				-121.541667 °	-121.541667 °
DWR ID	DWR_MA0009_01_s_2013_165				
Comment Code					
EQ : Equipment					
Inspector Comment					
Decomposed patio, tables, and chairs are on the berm of the watereward side of the levee.					

Photo 1 of 1 : SP_2018_MA0009_201_165_20180306_00118.jpg



A decomposed granite patio is on the berm. Fall 2013

LM Start	3.18	Rating **	M	Issue No.	299
LM End	3.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515255 °	38.515255 °
				-121.541672 °	-121.541672 °
DWR ID	DWR_MA0009_01_s_2014_299				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps, decking plus firewood stacked up. Need to get a permit. Stairway does not have permit but does not inhibit emergency operations.					

Photo 1 of 3 : SP_2018_MA0009_201_299_20180306_00234.jpg



New steps on the waterside slope. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.18	Rating **	M	Issue No.	299 (cont)	
LM End	3.18	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.515255 °		38.515255 °
				-121.541672 °		-121.541672 °
DWR ID	DWR_MA0009_01_s_2014_299					
Comment Code						
ST : Stairway						
Inspector Comment						
Steps, decking plus firewood stacked up. Need to get a permit. Stairway does not have permit but does not inhibit emergency operations.						

Photo 2 of 3 : SP_2018_MA0009_201_299_20180306_00235.jpg



A large stack of firewood on the waterside berm. Spring 2014

LM Start	3.18	Rating **	M	Issue No.	299 (cont)
LM End	3.18	Issue Type +	En	Location *	WS

Photo 3 of 3 : SP_2018_MA0009_201_299_20180306_00236.jpg



A new deck has been added to the waterside berm. Spring 2014

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.19	Rating **	M	Issue No.	1787
LM End	3.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515210 °	38.515210 °
				-121.541840 °	-121.541840 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5860 DS_ID:18909 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. This pipe was not part of the upgrade to the pier/walkway under Permit No. 17904. Nor was it part of the pier before the upgrade. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib attached to downstream side of boat ramp/pier, 50 feet upstream from pipe crossing. FS Date: 6/20/2012 10:14:00 AM					

Photo 1 of 2 : UCIP_SP_2018_5860_8946.jpg



Pipes visible on downstream side of pier walkway.

LM Start	3.19	Rating **	M	Issue No.	1787 (cont)
LM End	3.19	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5860_8945.jpg



Pipes visible on LS slope approximately 50-feet downstream from pier walkway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.19	Rating **	M	Issue No.	1788
LM End	3.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515210 °	38.515210 °
				-121.541840 °	-121.541840 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5856 DS_ID:18910 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized steel electrical conduit through the levee, 0.5 feet below the crown. 0.75-inch polyvinyl chloride (PVC) electrical conduit running through it. FS Date: 6/20/2012 10:18:37 AM					

LM Start	3.19	Rating **	M	Issue No.	1788 (cont)
LM End	3.19	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_5856_8938.jpg



Galvanized steel pipe with pvc electrical conduit running through it, LS shoulder 50-feet downstream from pier/ramp.

Photo 2 of 2 : UCIP_SP_2018_5856_8937.jpg



Galvanized steel pipe with pvc electrical conduit running through it, LS shoulder 50-feet downstream from pier/ramp.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.19	Rating **	M	Issue No.	1789	
LM End	3.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.515230 °	38.515230 °	
				-121.541850 °	-121.541850 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5854						
DS_ID:18908						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Pipes were not part of permit for upgrade to pier (PN: 17904) nor were they apart of the existing pier previous to this permit.						
FIELD_STRUCT_DESC: 1.25-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Electrical box mounted to post on the landside (LS) shoulder.						
FS Date: 6/20/2012 10:02:01 AM						

Photo 1 of 2 : UCIP_SP_2018_5854_8934.jpg



Pipes at downstream side of walkway/pier on WS slope.

LM Start	3.19	Rating **	M	Issue No.	1789 (cont)
LM End	3.19	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5854_8933.jpg



Pipes on LS slope approximately 50-feet downstream from walkway/pier.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.21	Rating **	M	Issue No.	343	
LM End	3.21	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.515163 °		38.515163 °
				-121.542135 °		-121.542140 °
DWR ID	DWR_MA0009_01_s_2018_343					
Comment Code						
FE : Fence						
Inspector Comment						
Chainlink fence at landside toe.						

No Photos

LM Start	3.21	Rating **	M	Issue No.	270
LM End	3.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515093 °	38.515098 °
				-121.542271 °	-121.542420 °
DWR ID	DWR_MA0009_01_s_2017_270				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree has fallen on waterside levee slope.					

Photo 1 of 1 : SP_2018_MA0009_201_270_20180306_00217.jpg



View of fallen tree on waterside slope. Fall 2017.

LM Start	3.24	Rating **	M	Issue No.	21
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.515300 °	38.515184 °
				-121.542755 °	-121.543136 °
DWR ID	DWR_MA0009_01_s_2016_21				
Comment Code					
Inspector Comment					
2004 - A large tree cave was identified. 2005 - Site repaired. 2010 - At the downstream end of the repair at 52.5, bad transition is inducing further erosion. 2011 - Minor new erosion on bank. 2015: No observed changes. [2015 Site ID: SAC_52-4_L]					

Photo 1 of 2 : SP_2018_MA0009_201_21_20180306_00016.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.24	Rating **	M	Issue No.	21 (cont)
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.515300 °	38.515184 °
				-121.542755 °	-121.543136 °
DWR ID	DWR_MA0009_01_s_2016_21				
Comment Code					
Inspector Comment					
2004 - A large tree cave was identified. 2005 - Site repaired. 2010 - At the downstream end of the repair at 52.5, bad transition is inducing further erosion. 2011 - Minor new erosion on bank. 2015: No observed changes. [2015 Site ID: SAC_52-4_L]					

Photo 2 of 2 : SP_2018_MA0009_201_21_20180306_00017.jpg



USACE 2013 Photo #2

LM Start	3.25	Rating **	M	Issue No.	300
LM End	3.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514995 °	38.514995 °
				-121.542869 °	-121.542869 °
DWR ID	DWR_MA0009_01_s_2014_300				
Comment Code					
FE : Fence					
Inspector Comment					

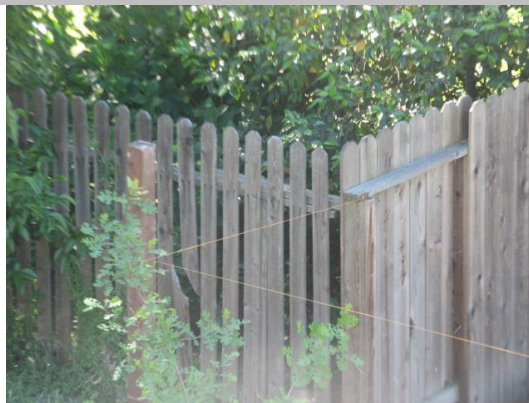
Photo 1 of 3 : SP_2018_MA0009_201_300_20180306_00237.jpg



A wooden fence is being installed along the toe of the levee. Spring 2014

LM Start	3.25	Rating **	M	Issue No.	300 (cont)
LM End	3.25	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_MA0009_201_300_20180306_00238.jpg



A new fence is being off set into the levee toe. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.25	Rating **	M	Issue No.	300 (cont)	
LM End	3.25	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.514995 °		38.514995 °
				-121.542869 °		-121.542869 °
DWR ID	DWR_MA0009_01_s_2014_300					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 3 of 3 : SP_2018_MA0009_201_300_20180306_00239.jpg



View of the new fence along the levee toe on the landward side of the levee. Fall 2015.

LM Start	3.25	Rating **	U	Issue No.	69
LM End	3.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514973 °	38.514900 °
				-121.542932 °	-121.543217 °
DWR ID	DWR_MA0009_01_s_2012_69				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_69_20180306_00038.jpg



A fence and retaining wall with star jasmine growing on it blocks view of the toe. Fall 2011

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.25	Rating **	U	Issue No.	68
LM End	3.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514957 °	38.514916 °
				-121.542969 °	-121.543148 °
DWR ID	DWR_MA0009_01_s_2012_68				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ice plants, fence, and steps are permitted by Permit 8108-A and 8108-B. Vegetation on fence blocks visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_68_20180306_00037.jpg



View of the groundcover and vines growing on the fence on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.25	Rating **	M	Issue No.	347
LM End	3.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514947 °	38.514947 °
				-121.543003 °	-121.543003 °
DWR ID	DWR_MA0009_01_f_2017_347				
Comment Code					
DE : Debris					
Inspector Comment					
Chairs, table, and rocks placed on waterside berm.					

Photo 1 of 1 : SP_2018_MA0009_201_347_20180306_00282.jpg



View of chairs, table, and rocks on waterside berm. Fall 2017.

LM Start	3.27	Rating **	M	Issue No.	70
LM End	3.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514899 °	38.514842 °
				-121.543224 °	-121.543444 °
DWR ID	DWR_MA0009_01_s_2012_70				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Stairs are permitted by Permit 12266 but the wall and wrought iron fence are not. Vegetation on fence blocks visibility.					

Photo 1 of 2 : SP_2018_MA0009_201_70_20180306_00039.jpg



Wall built along toe of levee. Fall 2012

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.27	Rating **	M	Issue No.	70 (cont)	
LM End	3.28	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.514899 °	38.514842 °	
				-121.543224 °	-121.543444 °	
DWR ID	DWR_MA0009_01_s_2012_70					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Stairs are permitted by Permit 12266 but the wall and wrought iron fence are not. Vegetation on fence blocks visibility.						

Photo 2 of 2 : SP_2018_MA0009_201_70_20180306_00040.jpg



View of the wall built along the levee toe on the landward side looking downstream. Landscape vegetation is starting to block the wall. Spring 2016.

LM Start	3.29	Rating **	C	Issue No.	348
LM End	3.29	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.514798 °	38.514798 °
				-121.543565 °	-121.543565 °
DWR ID	DWR_MA0009_01_f_2017_348				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.30	Rating **	A/W	Issue No.	100
LM End	3.52	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514757 °	38.513647 °
				-121.543781 °	-121.547648 °
DWR ID	DWR_MA0009_01_s_2012_100				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_100_20180306_00058.jpg



A revegetation site. Photo taken spring 2012.

LM Start	3.30	Rating **	A/W	Issue No.	100 (cont)
LM End	3.52	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2018_MA0009_201_100_20180306_00059.jpg



View of the revegetation site on the berm of the waterward side of the levee looking downstream. Spring 2016.

LM Start	3.31	Rating **	U	Issue No.	73
LM End	3.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514718 °	38.514555 °
				-121.543961 °	-121.544552 °
DWR ID	DWR_MA0009_01_s_2012_73				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_73_20180306_00042.jpg



View of the wood and block fence at the toe of the levee on the landward side looking downstream. Spring 2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.56	Rating **	C	Issue No.	297
LM End	3.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.513447 °	38.513447 °
				-121.548329 °	-121.548329 °
DWR ID	DWR_MA0009_01_s _ 2015_297				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

No Photos

LM Start	3.57	Rating **	U	Issue No.	74
LM End	3.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513416 °	38.513337 °
				-121.548463 °	-121.548820 °
DWR ID	DWR_MA0009_01_s _ 2012_74				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_74_20180306_00043.jpg



View of the wooden fence and tall shrubs at the toe of the levee on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.59	Rating **	U	Issue No.	75
LM End	3.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.513330 °	38.513236 °
				-121.548838 °	-121.549264 °
DWR ID	DWR_MA0009_01_s _ 2018_75				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The hedges blocks the view of the levee berm.					

Photo 1 of 1 : SP_2018_MA0009_201_75_20180306_00044.jpg



View of the hedge on the berm of the levee on the landward side looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.61	Rating **	U	Issue No.	76
LM End	3.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513244 °	38.513066 °
				-121.549267 °	-121.550029 °
DWR ID	DWR_MA0009_01_f _ 2017_76				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence on landside berm.					

Photo 1 of 1 : SP_2018_MA0009_201_76_20180306_00045.jpg



View of fence at landside toe. Fall 2017.

LM Start	3.66	Rating **	M	Issue No.	351
LM End	3.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513063 °	38.512895 °
				-121.550038 °	-121.550527 °
DWR ID	DWR_MA0009_01_f_2017_351				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	3.69	Rating **	M	Issue No.	355
LM End	3.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512895 °	38.512780 °
				-121.550539 °	-121.550782 °
DWR ID	DWR_MA0009_01_f_2017_355				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.69	Rating **	C	Issue No.	354
LM End	3.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.512882 °	38.512882 °
				-121.550565 °	-121.550565 °
DWR ID	DWR_MA0009_01_f_2017_354				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Large void in levee prism from removed tree.					

No Photos

LM Start	3.69	Rating **	C	Issue No.	271
LM End	3.69	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512844 °	38.512844 °
				-121.550648 °	-121.550648 °
DWR ID	DWR_MA0009_01_s_2017_271				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on crown.					

No Photos

LM Start	3.70	Rating **	M	Issue No.	370
LM End	3.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512784 °	38.512120 °
				-121.550782 °	-121.551919 °
DWR ID	DWR_MA0009_01_f_2017_370				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.71	Rating **	M	Issue No.	80
LM End	3.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512753 °	38.512753 °
				-121.550856 °	-121.550856 °
DWR ID	DWR_MA0009_01_s_2012_80				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_80_20180306_00046.jpg



View of the fence and trees on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.74	Rating **	M	Issue No.	82
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512507 °	38.512507 °
				-121.551334 °	-121.551334 °
DWR ID	DWR_MA0009_01_s_2012_82				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps are not permitted.					

Photo 1 of 1 : SP_2018_MA0009_201_82_20180306_00047.jpg



View of the steps and landscaping at the toe of the levee on the landward side looking downstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.77	Rating **	M	Issue No.	84
LM End	3.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512221 °	38.512221 °
				-121.551793 °	-121.551793 °
DWR ID	DWR_MA0009_01_s_2012_84				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping bushes at the toe of the levee blocks visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_84_20180306_00048.jpg



View of the landscaping at the toe of the levee on the landward side. Spring 2016.

LM Start	3.78	Rating **	M	Issue No.	85
LM End	3.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512090 °	38.512090 °
				-121.551958 °	-121.551958 °
DWR ID	DWR_MA0009_01_s_2012_85				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence and stairs are permitted by Permit 12169 and 12169-A. Groundcover does not seem to be permitted and blocks visibility on the slope.					

Photo 1 of 1 : SP_2018_MA0009_201_85_20180306_00049.jpg



View of the groundcover on the landward side of the levee looking downstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.80	Rating **	M	Issue No.	86
LM End	3.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511954 °	38.511954 °
				-121.552136 °	-121.552136 °
DWR ID	DWR_MA0009_01_s_2012_86				
Comment Code					
ST : Stairway					
Inspector Comment					
Cannot find a permit regarding the steps and fence.					

Photo 1 of 1 : SP_2018_MA0009_201_86_20180306_00050.jpg



View of the handrail and steps on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.83	Rating **	M	Issue No.	88
LM End	3.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.511605 °	38.511605 °
				-121.552533 °	-121.552533 °
DWR ID	DWR_MA0009_01_s_2012_88				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The fence and steps are permitted through Permit 12408-A. Vegetation is on the fence and blocks visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_88_20180306_00051.jpg



View of the landscaping at the toe of the levee on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.84	Rating **	M	Issue No.	373
LM End	3.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511522 °	38.511333 °
				-121.552635 °	-121.552813 °
DWR ID	DWR_MA0009_01_f_2017_373				
Comment Code					
FE : Fence					
Inspector Comment					
Wire fence at landside toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.85	Rating **	M	Issue No.	89
LM End	3.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511372 °	38.511372 °
				-121.552767 °	-121.552767 °
DWR ID	DWR_MA0009_01_s_2012_89				
Comment Code					
ST : Stairway					
Inspector Comment					
Timber stairs are permitted through Permit 11977-B, but these stairs are concrete.					

Photo 1 of 1 : SP_2018_MA0009_201_89_20180306_00052.jpg



View of the steps on the landward side of the levee looking upstream. Spring 2016.

LM Start	3.86	Rating **	M	Issue No.	90
LM End	3.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511219 °	38.511219 °
				-121.552907 °	-121.552907 °
DWR ID	DWR_MA0009_01_s_2012_90				
Comment Code					
FE : Fence					
Inspector Comment					
Fence under permit 7334-A.					

Photo 1 of 1 : SP_2018_MA0009_201_90_20180306_00053.jpg



Wooden fence and landscape at toe. Spring 2013

LM Start	3.87	Rating **	M	Issue No.	376
LM End	3.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511149 °	38.510967 °
				-121.552987 °	-121.553143 °
DWR ID	DWR_MA0009_01_f_2017_376				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.88	Rating **	M	Issue No.	91
LM End	3.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.511050 °	38.511050 °
				-121.553067 °	-121.553067 °
DWR ID	DWR_MA0009_01_s_2012_91				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tree needs to be thinned and trimmed for visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_91_20180306_00054.jpg



Overgrown vegetation blocks visibility. Fall 2013

LM Start	3.93	Rating **	M	Issue No.	95
LM End	3.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510438 °	38.510438 °
				-121.553569 °	-121.553569 °
DWR ID	DWR_MA0009_01_s_2012_95				
Comment Code					
FE : Fence					
Inspector Comment					
Permit 11748 covers a wrought iron fence. The wrought iron fence has been replaced with a wooden see through fence.					

Photo 1 of 1 : SP_2018_MA0009_201_95_20180306_00055.jpg



View of the new fence at the toe of the levee on the landward side. Fall 2015.

LM Start	3.93	Rating **	M	Issue No.	272
LM End	3.93	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510415 °	38.510415 °
				-121.553571 °	-121.553571 °
DWR ID	DWR_MA0009_01_s_2017_272				
Comment Code					
DE : Debris					
Inspector Comment					
Fire pit, chairs, and fire wood on crown.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.93	Rating **	M	Issue No.	383
LM End	3.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510420 °	38.510220 °
				-121.553586 °	-121.553724 °
DWR ID	DWR_MA0009_01_f_2017_383				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe.					

No Photos

LM Start	3.93	Rating **	M	Issue No.	191
LM End	3.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510343 °	38.510343 °
				-121.553632 °	-121.553632 °
DWR ID	DWR_MA0009_01_f_2017_191				
Comment Code					
ST : Stairway					
Inspector Comment					
No permit on the stairs.					

Photo 1 of 1 : SP_2018_MA0009_201_191_20180306_00146.jpg



A new set of stairs with a handrail on the levee. Spring 2013

LM Start	3.94	Rating **	M	Issue No.	385
LM End	3.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510206 °	38.509842 °
				-121.553718 °	-121.553969 °
DWR ID	DWR_MA0009_01_f_2017_385				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden see-through fence at landside toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.94	Rating **	M	Issue No.	246
LM End	3.94	Issue Type +	En	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.510207 °	38.510207 °
				-121.553730 °	-121.553730 °
DWR ID	DWR_MA0009_01_f_2016_246				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_246_20180306_00193.jpg



View of vegetation on LS slope and crown. Fall 2016.

LM Start	3.96	Rating **	M	Issue No.	273
LM End	3.96	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509950 °	38.509950 °
				-121.553879 °	-121.553879 °
DWR ID	DWR_MA0009_01_s_2017_273				
Comment Code					
DE : Debris					
Inspector Comment					
Table and chairs on crown.					

No Photos

LM Start	3.97	Rating **	M	Issue No.	386
LM End	3.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509844 °	38.509630 °
				-121.553967 °	-121.554085 °
DWR ID	DWR_MA0009_01_f_2017_386				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	3.99	Rating **	M	Issue No.	387
LM End	4.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509626 °	38.509443 °
				-121.554085 °	-121.554192 °
DWR ID	DWR_MA0009_01_f_2017_387				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe with vegetation on slope.					

No Photos

LM Start	4.00	Rating **	M	Issue No.	388
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509443 °	38.509220 °
				-121.554190 °	-121.554300 °
DWR ID	DWR_MA0009_01_f_2017_388				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.01	Rating **	M	Issue No.	102
LM End	4.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509343 °	38.509343 °
				-121.554234 °	-121.554234 °
DWR ID	DWR_MA0009_01_s_2012_102				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Retaining wall is not permitted and located at the toe of the levee.					

Photo 1 of 1 : SP_2018_MA0009_201_102_20180306_00061.jpg



View of the retaining wall at the toe of the levee looking downstream.
Groundcover has been removed. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.02	Rating **	M	Issue No.	390
LM End	4.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509220 °	38.509008 °
				-121.554300 °	-121.554412 °
DWR ID	DWR_MA0009_01_f_2017_390				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe and concrete steps on landside slope.					

Photo 1 of 1 : SP_2018_MA0009_201_390_20180306_00310.jpg



View of fence at toe and stairs on slope. Fall 2017.

LM Start	4.02	Rating **	U	Issue No.	325
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509205 °	38.509205 °
				-121.554293 °	-121.554293 °
DWR ID	DWR_MA0009_01_f_2015_325				
Comment Code					
ST : Stairway					
Inspector Comment					
There appear to be a project for stairs on the landward slope.					

Photo 1 of 2 : SP_2018_MA0009_201_325_20180306_00259.jpg



The owner has cut into the levee slope to for stairs. Fall 2015.

LM Start	4.02	Rating **	U	Issue No.	325 (cont)
LM End	4.02	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_325_20180306_00260.jpg



View of the excavated slope on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.02	Rating **	M	Issue No.	389
LM End	4.02	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509194 °	38.509194 °
				-121.554316 °	-121.554316 °
DWR ID	DWR_MA0009_01_f_2017_389				
Comment Code					
ST : Stairway					
Inspector Comment					
Concrete steps on the waterside slope.					

Photo 1 of 1 : SP_2018_MA0009_201_389_20180306_00309.jpg



View of steps on waterside slope. Fall 2017.

LM Start	4.03	Rating **	M	Issue No.	97
LM End	4.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.509127 °	38.509127 °
				-121.554353 °	-121.554353 °
DWR ID	DWR_MA0009_01_f_2013_97				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fruit trees are at the toe of the levee.					

Photo 1 of 2 : SP_2018_MA0009_201_97_20180306_00056.jpg



Fruit trees and landscaping within the easement. Fall 2013

LM Start	4.03	Rating **	M	Issue No.	97 (cont)
LM End	4.03	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_97_20180306_00057.jpg



New fruit trees have been added to the toe of the levee. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.03	Rating **	M	Issue No.	391
LM End	4.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509009 °	38.508795 °
				-121.554412 °	-121.554523 °
DWR ID	DWR_MA0009_01_f_2017_391				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.05	Rating **	M	Issue No.	392
LM End	4.05	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508795 °	38.508795 °
				-121.554523 °	-121.554523 °
DWR ID	DWR_MA0009_01_f_2017_392				
Comment Code					
ST : Stairway					
Inspector Comment					
Stairway to boat dock, concrete slab, and picnic bench.					

Photo 1 of 1 : SP_2018_MA0009_201_392_20180306_00311.jpg



View of encroachments on waterside slope. Fall 2017.

LM Start	4.06	Rating **	M	Issue No.	105
LM End	4.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508666 °	38.508666 °
				-121.554584 °	-121.554584 °
DWR ID	DWR_MA0009_01_s_2012_105				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps, fence, and pool do not appear to be permitted.					

Photo 1 of 1 : SP_2018_MA0009_201_105_20180306_00062.jpg



View of steps, fence and landscape. Spring 2017

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.07	Rating **	M	Issue No.	393
LM End	4.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508596 °	38.508377 °
				-121.554624 °	-121.554721 °
DWR ID	DWR_MA0009_01_f_2017_393				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.08	Rating **	M	Issue No.	394
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508375 °	38.508189 °
				-121.554720 °	-121.554820 °
DWR ID	DWR_MA0009_01_f_2017_394				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe.					

No Photos

LM Start	4.09	Rating **	M	Issue No.	274
LM End	4.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508315 °	38.508315 °
				-121.554740 °	-121.554740 °
DWR ID	DWR_MA0009_01_s_2017_274				
Comment Code					
DE : Debris					
Inspector Comment					
Bench on waterside shoulder.					

Photo 1 of 1 : SP_2018_MA0009_201_274_20180306_00218.jpg



View of bench on waterside shoulder. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.10	Rating **	M	Issue No.	195
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.508166 °	38.508166 °
				-121.554827 °	-121.554827 °
DWR ID	DWR_MA0009_01_s_2018_195				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence obstruct visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_195_20180306_00148.jpg



Fence with grape vines growing on it. Spring 2013

LM Start	4.14	Rating **	M	Issue No.	108
LM End	4.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.507632 °	38.507409 °
				-121.555157 °	-121.555302 °
DWR ID	DWR_MA0009_01_s_2012_108				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence on landside berm.					

Photo 1 of 1 : SP_2018_MA0009_201_108_20180306_00065.jpg



View of the fence on the landward side of the levee looking downstream. Fall 2015.

LM Start	4.16	Rating **	M	Issue No.	395	
LM End	4.20	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.507408 °		38.506857 °
				-121.555321 °		-121.555607 °
DWR ID	DWR_MA0009_01_f_2017_395					
Comment Code						
FE : Fence						
Inspector Comment						
Iron fence on landside slope.						

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.20	Rating **	U	Issue No.	396
LM End	4.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.506850 °	38.506568 °
				-121.555607 °	-121.555693 °
DWR ID	DWR_MA0009_01_f_2017_396				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on chain link fence blocks visibility.					

Photo 1 of 1 : SP_2018_MA0009_201_396_20180306_00312.jpg



View of vegetation on fence on landside. Fall 2017.

LM Start	4.21	Rating **	M	Issue No.	276
LM End	4.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.506677 °	38.506677 °
				-121.555668 °	-121.555668 °
DWR ID	DWR_MA0009_01_s_2017_276				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

No Photos

LM Start	4.22	Rating **	M	Issue No.	397
LM End	4.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.506567 °	38.506252 °
				-121.555693 °	-121.555821 °
DWR ID	DWR_MA0009_01_f_2017_397				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence on landside berm.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.26	Rating **	M	Issue No.	398
LM End	4.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.505966 °	38.505697 °
				-121.555938 °	-121.556053 °
DWR ID	DWR_MA0009_01_f _ 2017_398				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence on landside berm.					

No Photos

LM Start	4.27	Rating **	U	Issue No.	277
LM End	4.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505834 °	38.505834 °
				-121.555995 °	-121.555995 °
DWR ID	DWR_MA0009_01_s_2017_277				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_277_20180306_00219.jpg



View of vegetation on landside slope. Spring 2017.

LM Start	4.27	Rating **	A/W	Issue No.	107
LM End	4.36	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505824 °	38.504553 °
				-121.555998 °	-121.556423 °
DWR ID	DWR_MA0009_01_s_2012_107				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_107_20180306_00063.jpg



A revegetation site. Photo taken spring 2012.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.29	Rating **	M	Issue No.	335
LM End	4.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505582 °	38.505582 °
				-121.556098 °	-121.556098 °
DWR ID	DWR_MA0009_01_f_2013_335				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence need to be monitored and maintained for visibility.					

Photo 1 of 2 : SP_2018_MA0009_201_335_20180306_00271.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	4.29	Rating **	M	Issue No.	335 (cont)
LM End	4.29	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_335_20180306_00272.jpg



View of the vegetation on the landward side of the levee. Wild grapes have been cleared but there still seems to be vines on the fence. Spring 2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.31	Rating **	M	Issue No.	114
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505294 °	38.505294 °
				-121.556199 °	-121.556199 °
DWR ID	DWR_MA0009_01_s_2012_114				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and vegetation on fence blocks visibility. Trees need to be thinned and trimmed.					

Photo 1 of 1 : SP_2018_MA0009_201_114_20180306_00068.jpg



View of the fence and landscaping on the landward side of the levee.
Spring 2016.

LM Start	4.32	Rating **	M	Issue No.	399
LM End	4.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.505071 °	38.503845 °
				-121.556257 °	-121.556651 °
DWR ID	DWR_MA0009_01_f_2017_399				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.33	Rating **	M	Issue No.	115
LM End	4.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505022 °	38.505022 °
				-121.556283 °	-121.556283 °
DWR ID	DWR_MA0009_01_s_2012_115				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

Photo 1 of 2 : SP_2018_MA0009_201_115_20180306_00069.jpg



Perspective view of the landscaping on the landward side of the levee
looking downstream. Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.33	Rating **	M	Issue No.	115 (cont)	
LM End	4.33	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.505022 °		38.505022 °
				-121.556283 °		-121.556283 °
DWR ID	DWR_MA0009_01_s _ 2012_115					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Trees need to be thinned and trimmed for visibility.						

Photo 2 of 2 : SP_2018_MA0009_201_115_20180306_00070.jpg



View of the landscaping at the toe of the levee on the landward side.
Spring 2016.

LM Start	4.38	Rating **	M	Issue No.	278
LM End	4.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.504347 °	38.504347 °
				-121.556515 °	-121.556515 °
DWR ID	DWR_MA0009_01_s _ 2017_278				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on landside slope.					

No Photos

LM Start	4.41	Rating **	M	Issue No.	279
LM End	4.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503809 °	38.503809 °
				-121.556669 °	-121.556669 °
DWR ID	DWR_MA0009_01_s _ 2017_279				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on the landside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.43	Rating **	M	Issue No.	400
LM End	4.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503643 °	38.503141 °
				-121.556720 °	-121.556897 °
DWR ID	DWR_MA0009_01_f _ 2017_400				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden see-though fence at landside toe.					

No Photos

LM Start	4.43	Rating **	M	Issue No.	120
LM End	4.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503640 °	38.503640 °
				-121.556708 °	-121.556708 °
DWR ID	DWR_MA0009_01_s_2012_120				
Comment Code					
FE : Fence					
Inspector Comment					
Fence does not seem to be permitted.					

Photo 1 of 1 : SP_2018_MA0009_201_120_20180306_00071.jpg



Steps with handrail, fence and landscape with garden shed. Spring 2013

LM Start	4.45	Rating **	M	Issue No.	121
LM End	4.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503350 °	38.503350 °
				-121.556800 °	-121.556800 °
DWR ID	DWR_MA0009_01_s_2012_121				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_121_20180306_00072.jpg



The levee slope has been terraced and with a small retaining wall, fence and landscape. Spring 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.46	Rating **	M	Issue No.	401
LM End	4.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503137 °	38.502679 °
				-121.556901 °	-121.557131 °
DWR ID	DWR_MA0009_01_f_2017_401				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.46	Rating **	M	Issue No.	122
LM End	4.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503106 °	38.503106 °
				-121.556917 °	-121.556917 °
DWR ID	DWR_MA0009_01_s_2012_122				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_122_20180306_00073.jpg



Groundcover, fence and landscape makes it hard to see the toe. Spring 2013

LM Start	4.48	Rating **	M	Issue No.	124
LM End	4.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502861 °	38.502861 °
				-121.557032 °	-121.557032 °
DWR ID	DWR_MA0009_01_s_2012_124				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_124_20180306_00074.jpg



Groundcover, fence and landscape. Spring 2013

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.50	Rating **	M	Issue No.	402
LM End	4.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.502680 °	38.502450 °
				-121.557133 °	-121.557280 °
DWR ID	DWR_MA0009_01_f_2017_402				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe.					

No Photos

LM Start	4.50	Rating **	M	Issue No.	125
LM End	4.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502669 °	38.502669 °
				-121.557152 °	-121.557152 °
DWR ID	DWR_MA0009_01_s_2012_125				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_125_20180306_00075.jpg



Steps, fence and large redwood trees. Spring 2013

LM Start	4.51	Rating **	M	Issue No.	403
LM End	4.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.502452 °	38.502237 °
				-121.557279 °	-121.557377 °
DWR ID	DWR_MA0009_01_f_2017_403				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence on the levee toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.52	Rating **	M	Issue No.	126
LM End	4.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502401 °	38.502401 °
				-121.557317 °	-121.557317 °
DWR ID	DWR_MA0009_01_s_2012_126				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_126_20180306_00076.jpg



Steps with a handrail, fence and landscape. Spring 2013

LM Start	4.53	Rating **	M	Issue No.	404
LM End	4.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.502233 °	38.501987 °
				-121.557383 °	-121.557495 °
DWR ID	DWR_MA0009_01_f_2017_404				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden see-through fence at landside toe.					

No Photos

LM Start	4.54	Rating **	M	Issue No.	127
LM End	4.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502163 °	38.502163 °
				-121.557407 °	-121.557407 °
DWR ID	DWR_MA0009_01_s_2012_127				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_127_20180306_00077.jpg



Fence, landscape, and buildings at toe. Spring 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.55	Rating **	M	Issue No.	405
LM End	4.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.501996 °	38.501385 °
				-121.557487 °	-121.557623 °
DWR ID	DWR_MA0009_01_f_2017_405				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.55	Rating **	M	Issue No.	128
LM End	4.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.501895 °	38.501895 °
				-121.557481 °	-121.557481 °
DWR ID	DWR_MA0009_01_s_2012_128				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_128_20180306_00078.jpg



Trees on the slope, a retaining wall, fence and landscape. Spring 2013

LM Start	4.57	Rating **	M	Issue No.	129
LM End	4.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.501627 °	38.501627 °
				-121.557553 °	-121.557553 °
DWR ID	DWR_MA0009_01_s_2012_129				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_129_20180306_00079.jpg



View of the steps, fence and large trees at the toe of the levee on the landward side looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.59	Rating **	M	Issue No.	333
LM End	4.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.501356 °	38.501356 °
				-121.557638 °	-121.557638 °
DWR ID	DWR_MA0009_01_s_2016_333				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 4 : SP_2018_MA0009_201_333_20180306_00267.jpg



Erosion on WS slope. Fall 2016.

LM Start	4.59	Rating **	M	Issue No.	333 (cont)
LM End	4.59	Issue Type +	Ma	Location *	WS

Photo 2 of 4 : SP_2018_MA0009_201_333_20180306_00268.jpg



Another view of erosion on WS slope. Fall 2016.

LM Start	4.59	Rating **	M	Issue No.	333 (cont)
LM End	4.59	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : SP_2018_MA0009_201_333_20180306_00269.jpg



Perspective view of the erosion site looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.59	Rating **	M	Issue No.	333 (cont)	
LM End	4.59	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.501356 °	38.501356 °	
				-121.557638 °	-121.557638 °	
DWR ID	DWR_MA0009_01_s_2016_333					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 4 of 4 : SP_2018_MA0009_201_333_20180306_00270.jpg



Erosion is on the waterward slope of the levee. Spring 2016.

LM Start	4.64	Rating **	M	Issue No.	406
LM End	4.64	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.500720 °	38.500720 °
				-121.557766 °	-121.557766 °
DWR ID	DWR_MA0009_01_f_2017_406				
Comment Code					
PO : Pole					
Inspector Comment					
Downed power pole on levee crown.					

Photo 1 of 1 : SP_2018_MA0009_201_406_20180306_00313.jpg



View of pole on crown. Fall 2017.

LM Start	4.65	Rating **	M	Issue No.	130
LM End	4.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.500565 °	38.499761 °
				-121.557810 °	-121.557832 °
DWR ID	DWR_MA0009_01_s_2012_130				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_130_20180306_00080.jpg



View of the wooden fence under the trees at the toe of the levee on the landward side looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.65	Rating **	M	Issue No.	1790
LM End	4.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.500490 °	38.500490 °
				-121.557780 °	-121.557780 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5760 DS_ID:17418 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Locate and determine type of pipe abandonment. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 3.4-feet below the crown. Constructed with 1-CM cut-off wall and a pump on the river side. Originally included in the O+M manual (1955). Levee log indicates this pipe abandoned in place. Two t-posts on LS toe may indicate location of pipe. Pictures in Permit 6525 clearly show this pipe just upstream of boat dock walkway. FS Date: 7/25/2012 9:10:00 AM					

LM Start	4.65	Rating **	M	Issue No.	1790 (cont)
LM End	4.65	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_5760_8723.jpg



Boat dock ramp on WS shoulder where pipe may have come through.

Photo 2 of 3 : UCIP_SP_2018_5760_8722.jpg



Two t-posts may indicate pipe location on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.65	Rating **	M	Issue No.	1790 (cont)	
LM End	4.65	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.500490 °	38.500490 °	
				-121.557780 °	-121.557780 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5760 DS_ID:17418 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Locate and determine type of pipe abandonment. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 3.4-feet below the crown. Constructed with 1-CM cut-off wall and a pump on the river side. Originally included in the O+M manual (1955). Levee log indicates this pipe abandoned in place. Two t-posts on LS toe may indicate location of pipe. Pictures in Permit 6525 clearly show this pipe just upstream of boat dock walkway. FS Date: 7/25/2012 9:10:00 AM						

Photo 3 of 3 : UCIP_SP_2018_5760_8724.jpg



Pier and floating dock near location of pipe.

LM Start	4.65	Rating **	M	Issue No.	407
LM End	4.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.500480 °	38.500480 °
				-121.557803 °	-121.557803 °
DWR ID	DWR_MA0009_01_f_2017_407				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.67	Rating **	A/W	Issue No.	144
LM End	4.78	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.500296 °	38.498700 °
				-121.557817 °	-121.557832 °
DWR ID	DWR_MA0009_01_s_2016_144				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_144_20180306_00094.jpg



Revegetation area on the waterside berm. Spring 2014

LM Start	4.68	Rating **	M	Issue No.	113
LM End	4.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.500062 °	38.500062 °
				-121.557825 °	-121.557825 °
DWR ID	DWR_MA0009_01_s_2012_113				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_113_20180306_00066.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	4.68	Rating **	M	Issue No.	113 (cont)
LM End	4.68	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_113_20180306_00067.jpg



The garden continues to be on the levee slope. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.70	Rating **	A/W	Issue No.	234
LM End	4.70	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.499824 °	38.499824 °
				-121.557934 °	-121.557934 °
DWR ID	DWR_MA0009_01_f_2017_234				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:55					
Site Designation:MA9-02					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:5/18/2017					
Notes: This site was visited but no data was recorded at the time. The Sac Yard is planning on repairing this site. Damage looks like it may have been caused by a nearby resident draining a pool with a hose.					

Photo 1 of 1 : SP_2018_MA0009_201_234_20180306_00178.jpg



View of erosion on waterside slope. Fall 2017.

LM Start	4.71	Rating **	M	Issue No.	408
LM End	4.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.499708 °	38.499504 °
				-121.557855 °	-121.557860 °
DWR ID	DWR_MA0009_01_f_2017_408				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.71	Rating **	M	Issue No.	131
LM End	4.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.499636 °	38.499636 °
				-121.557871 °	-121.557871 °
DWR ID	DWR_MA0009_01_s_2012_131				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_131_20180306_00081.jpg



View of the landscaping on the landward side of the levee looking upstream. Blackberry shrubs are at the toe of the levee. Fall 2015.

LM Start	4.80	Rating **	M	Issue No.	409
LM End	4.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.498336 °	38.497861 °
				-121.557770 °	-121.557675 °
DWR ID	DWR_MA0009_01_f_2017_409				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden see-through fence at landside toe.					

No Photos

LM Start	4.85	Rating **	C	Issue No.	410
LM End	4.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.497681 °	38.497681 °
				-121.557610 °	-121.557610 °
DWR ID	DWR_MA0009_01_f_2017_410				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.95	Rating **	M	Issue No.	411
LM End	4.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.496184 °	38.495824 °
				-121.557039 °	-121.556820 °
DWR ID	DWR_MA0009_01_f_2017_411				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.96	Rating **	M	Issue No.	135
LM End	4.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.496110 °	38.495871 °
				-121.556939 °	-121.556777 °
DWR ID	DWR_MA0009_01_s_2012_135				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_135_20180306_00086.jpg



A retaining wall with a fence on top and some groundcover. Photo taken spring 2012.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.96	Rating **	M	Issue No.	135 (cont)	
LM End	4.98	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.496110 °		38.495871 °
				-121.556939 °		-121.556777 °
DWR ID	DWR_MA0009_01_s_2012_135					
Comment Code						
RW : Retaining Wall						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_135_20180306_00087.jpg



View of the landscaping on the landward side of the levee looking upstream. The retaining wall has been covered by the groundcover. Fall 2015.

LM Start	4.97	Rating **	M	Issue No.	136
LM End	4.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495981 °	38.495981 °
				-121.556864 °	-121.556864 °
DWR ID	DWR_MA0009_01_s_2012_136				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_136_20180306_00088.jpg



The two story house was built at the toe of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	4.99	Rating **	M	Issue No.	138
LM End	4.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495687 °	38.495687 °
				-121.556705 °	-121.556705 °
DWR ID	DWR_MA0009_01_s_2012_138				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_138_20180306_00089.jpg



View of the house at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	5.01	Rating **	M	Issue No.	139
LM End	5.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495529 °	38.495529 °
				-121.556592 °	-121.556592 °
DWR ID	DWR_MA0009_01_s_2012_139				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_139_20180306_00090.jpg



The side of the barn is into levee toe.

LM Start	5.01	Rating **	M	Issue No.	139 (cont)
LM End	5.01	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_139_20180306_00091.jpg



View of the barn at the levee toe on the landward side of the levee. Trees need to be trimmed for visibility. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.02	Rating **	M	Issue No.	247
LM End	5.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495402 °	38.495402 °
				-121.556507 °	-121.556507 °
DWR ID	DWR_MA0009_01_f_2016_247				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_247_20180306_00194.jpg



Prunings on LS slope. Fall 2016.

LM Start	5.02	Rating **	M	Issue No.	201
LM End	5.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.495400 °	38.495400 °
				-121.556488 °	-121.556488 °
DWR ID	DWR_MA0009_01_s_2013_201				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_201_20180306_00152.jpg



Shrubs and small trees are being planted on the levee. Spring 2013

LM Start	5.02	Rating **	M	Issue No.	201 (cont)
LM End	5.02	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_201_20180306_00153.jpg



View of the landscaping at the toe of the levee on the landward side looking upstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.03	Rating **	M	Issue No.	328
LM End	5.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.495235 °	38.494701 °
				-121.556393 °	-121.556022 °
DWR ID	DWR_MA0009_01_f_2015_328				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_328_20180306_00261.jpg



Trees still need trimming. Fall 2016.

LM Start	5.03	Rating **	M	Issue No.	328 (cont)
LM End	5.07	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_328_20180306_00262.jpg



View of the trees on the landward side of the levee looking downstream. Trees need to be trimmed. Fall 2015.

LM Start	5.08	Rating **	M	Issue No.	336
LM End	5.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.494527 °	38.494527 °
				-121.555889 °	-121.555889 °
DWR ID	DWR_MA0009_01_s_2016_336				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_336_20180306_00273.jpg



View of the fallen tree on the waterward slope looking downstream. Spring 2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.09	Rating **	M	Issue No.	141
LM End	5.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.494477 °	38.493431 °
				-121.555809 °	-121.555082 °
DWR ID	DWR_MA0009_01_s_2012_141				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_141_20180306_00092.jpg



View of the groundcover planted on the berm on the landward side of the levee looking downstream. Spring 2016.

LM Start	5.24	Rating **	M	Issue No.	412
LM End	5.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.492559 °	38.492206 °
				-121.554458 °	-121.554153 °
DWR ID	DWR_MA0009_01_f_2017_412				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	5.24	Rating **	M	Issue No.	143
LM End	5.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.492574 °	38.492131 °
				-121.554423 °	-121.554072 °
DWR ID	DWR_MA0009_01_f_2017_143				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_143_20180306_00093.jpg



View of the landscaping at the toe of the levee on the landward side looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.25	Rating **	M	Issue No.	145
LM End	5.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.492442 °	38.492442 °
				-121.554319 °	-121.554319 °
DWR ID	DWR_MA0009_01_s_2012_145				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_145_20180306_00095.jpg



The building encroaches into the levee.

LM Start	5.25	Rating **	M	Issue No.	145 (cont)
LM End	5.25	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_145_20180306_00096.jpg



A garden shed at the toe of the levee. Spring 2014

LM Start	5.28	Rating **	M	Issue No.	146
LM End	5.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.492132 °	38.491623 °
				-121.554072 °	-121.553634 °
DWR ID	DWR_MA0009_01_s_2018_146				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_146_20180306_00097.jpg



View of the landscaping along the toe of the levee on the landward side looking downstream. Fall 2015.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.31	Rating **	M	Issue No.	1791
LM End	5.31	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.491750 °	38.491750 °
				-121.553730 °	-121.553730 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5900 DS_ID:18943 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1 of 2: 2-inch electrical conduit of an unknown material through the levee, at an unknown depth. Conduit located on the downstream side of the boat dock ramp. FS Date: 6/20/2012 2:20:30 PM					

Photo 1 of 2 : UCIP_SP_2018_5900_8962.jpg



Pipes under walkway on WS at ramp.

LM Start	5.31	Rating **	M	Issue No.	1791 (cont)
LM End	5.31	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5900_8961.jpg



Ramp at WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.31	Rating **	M	Issue No.	1792
LM End	5.31	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.491730 °	38.491730 °
				-121.553720 °	-121.553720 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5901 DS_ID:18944 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2 of 2: 2-inch water line of an unknown material through the levee, at an unknown depth. Water line located on the downstream side of the boat dock ramp. FS Date: 6/20/2012 2:40:41 PM					

Photo 1 of 2 : UCIP_SP_2018_5901_8964.jpg



Pipes through levee under walkway on WS shoulder.

LM Start	5.31	Rating **	M	Issue No.	1792 (cont)
LM End	5.31	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5901_8963.jpg



Walkway on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.33	Rating **	M	Issue No.	280
LM End	5.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.491510 °	38.491510 °
				-121.553496 °	-121.553496 °
DWR ID	DWR_MA0009_01_s _ 2017_280				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on landside levee slope.					

No Photos

LM Start	5.34	Rating **	U	Issue No.	148
LM End	5.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.491357 °	38.490897 °
				-121.553393 °	-121.552974 °
DWR ID	DWR_MA0009_01_s _ 2012_148				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping blocks visibility of levee slopes.					

Photo 1 of 2 : SP_2018_MA0009_201_148_20180306_00098.jpg



The cedar tree covers the levee slope blocks visibility. Photo taken spring 2012.

LM Start	5.34	Rating **	U	Issue No.	148 (cont)
LM End	5.38	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_148_20180306_00099.jpg



View of the landscaping along the levee slope on the landward side looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.35	Rating **	M	Issue No.	16
LM End	5.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.491086 °	38.490892 °
				-121.553540 °	-121.553352 °
DWR ID	DWR_MA0009_01_s_2016_16				
Comment Code					
Inspector Comment					
2011 - Tree popout at the toe has taken out the rock toe protection. 2015: No observed changes. [2015 Site ID: SAC_50-3_L]					

Photo 1 of 1 : SP_2018_MA0009_201_16_20180306_00014.jpg



USACE 2013 Photo #1

LM Start	5.36	Rating **	M	Issue No.	413
LM End	5.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.491091 °	38.490867 °
				-121.553199 °	-121.552970 °
DWR ID	DWR_MA0009_01_f_2017_413				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at the landside toe.					

No Photos

LM Start	5.40	Rating **	A/W	Issue No.	414
LM End	5.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.490689 °	38.490689 °
				-121.552793 °	-121.552793 °
DWR ID	DWR_MA0009_01_f_2017_414				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.41	Rating **	M	Issue No.	415
LM End	5.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.490555 °	38.490555 °
				-121.552672 °	-121.552672 °
DWR ID	DWR_MA0009_01_f_2017_415				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Tire tracks on landside slope.					

No Photos

LM Start	5.44	Rating **	M	Issue No.	149
LM End	5.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.490197 °	38.490023 °
				-121.552327 °	-121.552153 °
DWR ID	DWR_MA0009_01_s_2012_149				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_149_20180306_00100.jpg



View of the landscaping at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	5.46	Rating **	M	Issue No.	150
LM End	5.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.489974 °	38.489807 °
				-121.552121 °	-121.551990 °
DWR ID	DWR_MA0009_01_s_2012_150				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_150_20180306_00101.jpg



View of the fence and landscaping at the toe of the levee looking downstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.48	Rating **	M	Issue No.	151
LM End	5.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.489730 °	38.489503 °
				-121.551924 °	-121.551748 °
DWR ID	DWR_MA0009_01_s _ 2012_151				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_151_20180306_00102.jpg



View of the pruned shrubs at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	5.49	Rating **	A/W	Issue No.	132
LM End	5.93	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.489589 °	38.484026 °
				-121.551825 °	-121.547831 °
DWR ID	DWR_MA0009_01_s _ 2012_132				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_132_20180306_00082.jpg



View of the revegetation site on the waterward berm of the levee looking downstream. Spring 2016.

LM Start	5.49	Rating **	A/W	Issue No.	132 (cont)
LM End	5.93	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2018_MA0009_201_132_20180306_00083.jpg



Sign stating the revegetation site. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.50	Rating **	U	Issue No.	152
LM End	5.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.489476 °	38.489125 °
				-121.551736 °	-121.551466 °
DWR ID	DWR_MA0009_01_f_2017_152				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_152_20180306_00103.jpg



View of fence at landside levee toe. Spring 2017.

LM Start	5.50	Rating **	U	Issue No.	152 (cont)
LM End	5.53	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_152_20180306_00104.jpg



View of the landscaping at the toe of the levee on the landward side looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.52	Rating **	A/W	Issue No.	238
LM End	5.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.489231 °	38.489179 °
				-121.551502 °	-121.551473 °
DWR ID	DWR_MA0009_01_f_2017_238				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:233					
Site Designation:LMA-66					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:2/10/2017					
Notes: existing riparian scrub					

LM Start	5.52	Rating **	A/W	Issue No.	238 (cont)
LM End	5.52	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL_SP_2018_233_451.jpg



Photo 2 of 3 : LEVAL_SP_2018_233_454.jpg



* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.52	Rating **	A/W	Issue No.	238 (cont)	
LM End	5.52	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.489231 °	38.489179 °	
				-121.551502 °	-121.551473 °	
DWR ID	DWR_MA0009_01_f_2017_238					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:233						
Site Designation:LMA-66						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:2/10/2017						
Notes: existing riparian scrub						

Photo 3 of 3 : LEVAL_SP_2018_233_586.jpg



LM Start	5.52	Rating **	M	Issue No.	358
LM End	5.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.489181 °	38.489181 °
				-121.551510 °	-121.551510 °
DWR ID	DWR_MA0009_01_s_2016_358				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_358_20180306_00287.jpg



View of the site on LS of the levee looking downstream. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.52	Rating **	M	Issue No.	358 (cont)	
LM End	5.52	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.489181 °		38.489181 °
				-121.551510 °		-121.551510 °
DWR ID	DWR_MA0009_01_s_2016_358					
Comment Code						
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_358_20180306_00288.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

LM Start	5.53	Rating **	M	Issue No.	153
LM End	5.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.489157 °	38.488952 °
				-121.551491 °	-121.551345 °
DWR ID	DWR_MA0009_01_f_2017_153				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_153_20180306_00105.jpg



View of the the wooden fence at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	5.56	Rating **	A/W	Issue No.	283
LM End	5.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.488705 °	38.488705 °
				-121.551130 °	-121.551130 °
DWR ID	DWR_MA0009_01_s_2017_283				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.72	Rating **	M	Issue No.	416
LM End	5.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.486733 °	38.486733 °
				-121.549685 °	-121.549685 °
DWR ID	DWR_MA0009_01_f_2017_416				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on landside slope.					

No Photos

LM Start	5.83	Rating **	M	Issue No.	367
LM End	5.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.485295 °	38.485295 °
				-121.548628 °	-121.548628 °
DWR ID	DWR_MA0009_01_s_2016_367				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Small garden starting at the berm of the levee.					

Photo 1 of 2 : SP_2018_MA0009_201_367_20180306_00297.jpg



A garden is on the berm of the levee on the landward side. Spring 2016.

LM Start	5.83	Rating **	M	Issue No.	367 (cont)
LM End	5.83	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_367_20180306_00298.jpg



View of the garden looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.93	Rating **	M	Issue No.	1793
LM End	5.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.484130 °	38.484130 °
				-121.547854 °	-121.547854 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:4980 DS_ID:17425 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has holes at welds on WS near bend in pipe. This pipe appears to be abandoned so it may need to be removed or grouted in place. FIELD_STRUCT_DESC: 8-inch concrete encased pipe through the levee, 4.9 feet below the crown. Pump in pump house on waterward slope, Siphon breaker in C.M riser on landward slope have been removed. Originally included in O+M manual (1955). FS Date: 6/20/2012 12:55:36 PM					

Photo 1 of 3 : UCIP_SP_2018_4980_6630.jpg



Pipe entering water at WS toe

LM Start	5.93	Rating **	M	Issue No.	1793 (cont)
LM End	5.93	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_4980_6629.jpg



Pipe entering water at WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.93	Rating **	M	Issue No.	1793 (cont)	
LM End	5.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.484130 °	38.484130 °	
				-121.547854 °	-121.547854 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:4980 DS_ID:17425 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has holes at welds on WS near bend in pipe. This pipe appears to be abandoned so it may need to be removed or grouted in place. FIELD_STRUCT_DESC: 8-inch concrete encased pipe through the levee, 4.9 feet below the crown. Pump in pump house on waterward slope, Siphon breaker in C.M riser on landward slope have been removed. Originally included in O+M manual (1955). FS Date: 6/20/2012 12:55:36 PM						

Photo 3 of 3 : UCIP_SP_2018_4980_6628.jpg



small holes in pipe along welded seam.

LM Start	5.96	Rating **	M	Issue No.	155
LM End	5.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.483639 °	38.483310 °
				-121.547532 °	-121.547297 °
DWR ID	DWR_MA0009_01_s_2012_155				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_155_20180306_00107.jpg



View of the garden on the landward side of the levee looking downhill. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	5.96	Rating **	A/W	Issue No.	284
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.483642 °	38.483642 °
				-121.547525 °	-121.547525 °
DWR ID	DWR_MA0009_01_s_2017_284				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	6.10	Rating **	A/W	Issue No.	369
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.481937 °	38.481937 °
				-121.546230 °	-121.546230 °
DWR ID	DWR_MA0009_01_s_2017_369				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

Photo 1 of 1 : SP_2018_MA0009_201_369_20180306_00300.jpg



View of the footpath on the landward side of the levee looking downstream. Spring 2016.

LM Start	6.13	Rating **	A/W	Issue No.	134
LM End	6.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.481560 °	38.480129 °
				-121.545850 °	-121.544858 °
DWR ID	DWR_MA0009_01_s_2012_134				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_134_20180306_00084.jpg



A revegetation site. Photo taken spring 2012.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.13	Rating **	A/W	Issue No.	134 (cont)	
LM End	6.25	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.481560 °		38.480129 °
				-121.545850 °		-121.544858 °
DWR ID	DWR_MA0009_01_s_2012_134					
Comment Code						
V8 : Environmental Requirements.						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_134_20180306_00085.jpg



View of the revegetation site on the berm of the waterward side of the levee looking downstream. Spring 2016.

LM Start	6.13	Rating **	A/W	Issue No.	417
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.481557 °	38.481557 °
				-121.545841 °	-121.545841 °
DWR ID	DWR_MA0009_01_f_2017_417				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.16	Rating **	M	Issue No.	1794
LM End	6.16	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.481270 °	38.481270 °
				-121.545630 °	-121.545630 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41067 DS_ID:17379 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: remains of a cut off telephone pole 50-feet downstream from this location may be good indicator of abandoned pipe location. FIELD_STRUCT_DESC: 6-inch pipe through the levee approximately 17-feet below the crown. Constructed with 1-cm cut-off wall and pump and check valve on river side. Pipe has been plugged and abandoned in place 10/31/89. Originally included in O+M manual (1955). FS Date: 6/21/2012 3:50:00 PM					

Photo 1 of 1 : UCIP_SP_2018_41067_6688.jpg



Sawed off power pole at LS toe 50-feet Downstream from pipe location may be good indicator of Abandoned pipe location.

LM Start	6.24	Rating **	A/W	Issue No.	249
LM End	6.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.480251 °	38.480199 °
				-121.544900 °	-121.544865 °
DWR ID	DWR_MA0009_01_f_2017_249				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:234					
Site Designation:LMA-67					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/2/2017					
Notes: Footpath on landside slope.					

Photo 1 of 3 : LEVAL_SP_2018_234_597.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.24	Rating **	A/W	Issue No.	249 (cont)	
LM End	6.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.480251 °	38.480199 °	
				-121.544900 °	-121.544865 °	
DWR ID	DWR_MA0009_01_f_2017_249					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:234						
Site Designation:LMA-67						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/2/2017						
Notes: Footpath on landside slope.						

LM Start	6.24	Rating **	A/W	Issue No.	249 (cont)
LM End	6.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_SP_2018_234_606.jpg



Photo 3 of 3 : LEVAL_SP_2018_234_608.jpg



* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.24	Rating **	A/W	Issue No.	337
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.480209 °	38.480209 °
				-121.544893 °	-121.544893 °
DWR ID	DWR_MA0009_01_f_2015_337				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

LM Start	6.24	Rating **	A/W	Issue No.	337 (cont)
LM End	6.24	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2018_MA0009_201_337_20180306_00274.jpg



View of footpath that causes slope stability on LS of the levee. Fall 2016.

Photo 2 of 2 : SP_2018_MA0009_201_337_20180306_00275.jpg



View of the slope stability caused by foot traffic on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.25	Rating **	A/W	Issue No.	250	
LM End	6.25	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.480124 °	38.480099 °	
				-121.544812 °	-121.544795 °	
DWR ID	DWR_MA0009_01_f_2017_250					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:235						
Site Designation:LMA-68						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/6/2017						
Notes: Erosion on existing landside footpaths.						

LM Start	6.25	Rating **	A/W	Issue No.	250 (cont)
LM End	6.25	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL_SP_2018_235_801.jpg



Photo 2 of 3 : LEVAL_SP_2018_235_807.jpg



* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.25	Rating **	A/W	Issue No.	250 (cont)	
LM End	6.25	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.480124 °	38.480099 °	
				-121.544812 °	-121.544795 °	
DWR ID	DWR_MA0009_01_f_2017_250					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:235						
Site Designation:LMA-68						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/6/2017						
Notes: Erosion on existing landside footpaths.						

Photo 3 of 3 : LEVAL_SP_2018_235_812.jpg



LM Start	6.37	Rating **	M	Issue No.	375
LM End	6.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.478698 °	38.478698 °
				-121.543333 °	-121.543333 °
DWR ID	DWR_MA0009_01_s_2016_375				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_375_20180306_00302.jpg



View of slope stability on WS of the levee. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
---	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.37	Rating **	M	Issue No.	375 (cont)	
LM End	6.37	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.478698 °		38.478698 °
				-121.543333 °		-121.543333 °
DWR ID	DWR_MA0009_01_s_2016_375					
Comment Code						
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_375_20180306_00303.jpg



View of the slope stability on the waterward side of the levee looking downstream. Spring 2016.

LM Start	6.43	Rating **	M	Issue No.	266
LM End	6.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.478089 °	38.478050 °
				-121.542623 °	-121.542581 °
DWR ID	DWR_MA0009_01_f_2017_266				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:236					
Site Designation:LMA-69					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/7/2017					
Notes: upper waterside levee slope erosion appeared caused from runoff from paved crown and foot traffic					

Photo 1 of 3 : LEVAL_SP_2018_236_815.jpg



* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.43	Rating **	M	Issue No.	266 (cont)
LM End	6.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.478089 °	38.478050 °
				-121.542623 °	-121.542581 °
DWR ID	DWR_MA0009_01_f _ 2017_266				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:236					
Site Designation:LMA-69					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/7/2017					
Notes: upper waterside levee slope erosion appeared caused from runoff from paved crown and foot traffic					

Photo 2 of 3 : LEVAL_SP_2018_236_820.jpg



Photo 3 of 3 : LEVAL_SP_2018_236_517.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.43	Rating **	A/W	Issue No.	339
LM End	6.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.478082 °	38.478082 °
				-121.542589 °	-121.542589 °
DWR ID	DWR_MA0009_01_f_2015_339				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

LM Start	6.43	Rating **	A/W	Issue No.	339 (cont)
LM End	6.43	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2018_MA0009_201_339_20180306_00276.jpg



An updated view of slope stability site. WS slope of the levee. Fall 2016.

Photo 2 of 3 : SP_2018_MA0009_201_339_20180306_00277.jpg



Perspective view of the slope stability on the waterward side of the levee looking downstream. Fall 2015.

LM Start	6.43	Rating **	A/W	Issue No.	339 (cont)
LM End	6.43	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2018_MA0009_201_339_20180306_00278.jpg



Slope stability is caused by foot traffic. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.53	Rating **	M	Issue No.	301
LM End	6.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.477116 °	38.477116 °
				-121.541253 °	-121.541253 °
DWR ID	DWR_MA0009_01_s_2015_301				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on waterside slope.					

Photo 1 of 3 : SP_2018_MA0009_201_301_20180306_00240.jpg



An updated view of slope stability site. Waterward side of the levee. Fall 2016.

LM Start	6.53	Rating **	M	Issue No.	301 (cont)
LM End	6.53	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2018_MA0009_201_301_20180306_00241.jpg



Perspective view of the slope stability on the waterward side of the levee looking downstream. Fall 2015.

LM Start	6.53	Rating **	M	Issue No.	301 (cont)
LM End	6.53	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2018_MA0009_201_301_20180306_00242.jpg



Looking at the trail caused by foot traffic. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.64	Rating **	M	Issue No.	255
LM End	6.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.476221 °	38.476221 °
				-121.539637 °	-121.539637 °
DWR ID	DWR_MA0009_01_s_2018_255				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	6.68	Rating **	A/W	Issue No.	341
LM End	6.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.475921 °	38.475921 °
				-121.539017 °	-121.539017 °
DWR ID	DWR_MA0009_01_f_2015_341				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

Photo 1 of 1 : SP_2018_MA0009_201_341_20180306_00279.jpg



View of the slope stability caused by foot traffic on the waterward side of the levee looking downstream. Fall 2015.

LM Start	6.77	Rating **	M	Issue No.	418
LM End	6.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.475359 °	38.475359 °
				-121.537557 °	-121.537557 °
DWR ID	DWR_MA0009_01_f_2017_418				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Multiple holes on landside slope.					

Photo 1 of 2 : SP_2018_MA0009_201_418_20180306_00314.jpg



View of squirrel in hole on landside slope. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.77	Rating **	M	Issue No.	418 (cont)	
LM End	6.77	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.475359 °		38.475359 °
				-121.537557 °		-121.537557 °
DWR ID	DWR_MA0009_01_f_2017_418					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
Multiple holes on landside slope.						

Photo 2 of 2 : SP_2018_MA0009_201_418_20180306_00315.jpg



Additional view of holes on landside slope. Fall 2017.

LM Start	6.83	Rating **	C	Issue No.	289
LM End	6.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475080 °	38.475080 °
				-121.536530 °	-121.536530 °
DWR ID	DWR_MA0009_01_s_2017_289				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on waterside levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.89	Rating **	A/W	Issue No.	267
LM End	6.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.474828 °	38.474828 °
				-121.535455 °	-121.535455 °
DWR ID	DWR_MA0009_01 f _ 2017_267				

Comment Code

Inspector Comment

Levee Evaluation Comments

Description:

Site ID No:56

Site Designation:MA9-03

Repair Type: Erosion

Rating:Area of Concern

Field Date:5/18/2017

Notes: This site was visited but no data was recorded at the time. The Sac Yard is planning on repairing this site by the end of November this year. Erosion cuts into WS toe road, but is not within the prism.

LM Start	6.89	Rating **	A/W	Issue No.	267 (cont)
LM End	6.89	Issue Type +	Ma	Location *	

Photo 1 of 2 : SP_2018_MA0009_201_267_20180306_00212.jpg



View of erosion on berm road. Fall 2017.

Photo 2 of 2 : SP_2018_MA0009_201_267_20180306_00213.jpg



Additional view of erosion. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	6.96	Rating **	C	Issue No.	377
LM End	6.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474836 °	38.474836 °
				-121.534175 °	-121.534175 °
DWR ID	DWR_MA0009_01_s _ 2016_377				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	7.25	Rating **	M	Issue No.	158
LM End	7.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.474861 °	38.474861 °
				-121.528804 °	-121.528804 °
DWR ID	DWR_MA0009_01_s _ 2012_158				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_158_20180306_00108.jpg



View of the landscaping on the landward side of the levee looking downstream. Landscape is borderline at easement of toe. Spring 2016.

LM Start	7.30	Rating **	U	Issue No.	159
LM End	7.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474916 °	38.474942 °
				-121.527760 °	-121.527482 °
DWR ID	DWR_MA0009_01_s _ 2012_159				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_159_20180306_00109.jpg



The solid fence is located in the trees on the landward side of the levee. Fall 2015.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	7.30	Rating **	U	Issue No.	159 (cont)	
LM End	7.32	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.474916 °	38.474942 °	
				-121.527760 °	-121.527482 °	
DWR ID	DWR_MA0009_01_s_2012_159					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_159_20180306_00110.jpg



View of the trees on the landward side of the levee looking downstream.
Trees need to be trimmed. Fall 2015.

LM Start	7.31	Rating **	C	Issue No.	251
LM End	7.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474919 °	38.474953 °
				-121.527692 °	-121.527183 °
DWR ID	DWR_MA0009_01_f_2016_251				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	7.33	Rating **	C	Issue No.	342
LM End	7.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474954 °	38.474954 °
				-121.527276 °	-121.527276 °
DWR ID	DWR_MA0009_01_f_2015_342				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Tree branches need to be trimmed up at least 5 feet.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	7.33	Rating **	C	Issue No.	419
LM End	7.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474962 °	38.474962 °
				-121.527232 °	-121.527232 °
DWR ID	DWR_MA0009_01_f_2017_419				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on landside slope.					

No Photos

LM Start	7.44	Rating **	U	Issue No.	162
LM End	7.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475156 °	38.475156 °
				-121.525212 °	-121.525212 °
DWR ID	DWR_MA0009_01_s_2012_162				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_162_20180306_00113.jpg



A wooden fence is near the toe of the levee. Spring 2016.

LM Start	7.44	Rating **	U	Issue No.	162 (cont)
LM End	7.44	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_162_20180306_00114.jpg



Perspective view of the wooden fence on the landward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	7.48	Rating **	M	Issue No.	163
LM End	7.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.475227 °	38.475249 °
				-121.524477 °	-121.524312 °
DWR ID	DWR_MA0009_01_s_2012_163				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_163_20180306_00115.jpg



View of the trees and shrub at the toe of the levee. Spring 2016.

LM Start	7.51	Rating **	M	Issue No.	164
LM End	7.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.475270 °	38.475360 °
				-121.524036 °	-121.522178 °
DWR ID	DWR_MA0009_01_s_2012_164				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_164_20180306_00116.jpg



View of the trees along the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	7.51	Rating **	M	Issue No.	164 (cont)
LM End	7.61	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_164_20180306_00117.jpg



View of the landscaping and fence at the toe of the levee on the landward side looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	7.56	Rating **	C	Issue No.	420
LM End	7.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475326 °	38.475326 °
				-121.523066 °	-121.523066 °
DWR ID	DWR_MA0009_01_f_2017_420				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limb on landside slope.					

No Photos

LM Start	7.70	Rating **	C	Issue No.	421
LM End	7.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475411 °	38.475411 °
				-121.520558 °	-121.520558 °
DWR ID	DWR_MA0009_01_f_2017_421				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	8.05	Rating **	M	Issue No.	252
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.475340 °	38.475340 °
				-121.514076 °	-121.514076 °
DWR ID	DWR_MA0009_01_f_2016_252				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_252_20180306_00203.jpg



Tree trimming needed at WS slope of the levee. Fall 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	8.09	Rating **	C	Issue No.	422
LM End	8.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.475192 °	38.475192 °
				-121.513285 °	-121.513285 °
DWR ID	DWR_MA0009_01_f_2017_422				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

LM Start	8.18	Rating **	A/W	Issue No.	423
LM End	8.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.474827 °	38.474827 °
				-121.511708 °	-121.511708 °
DWR ID	DWR_MA0009_01_f_2017_423				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

LM Start	8.23	Rating **	M	Issue No.	263
LM End	8.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474621 °	38.474621 °
				-121.510910 °	-121.510910 °
DWR ID	DWR_MA0009_01_s_2018_263				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree limbs on the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	8.35	Rating **	A/W	Issue No.	424
LM End	8.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.473985 °	38.473985 °
				-121.508786 °	-121.508786 °
DWR ID	DWR_MA0009_01_s _ 2018_424				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

LM Start	8.60	Rating **	M	Issue No.	290
LM End	8.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.471886 °	38.471886 °
				-121.504999 °	-121.504999 °
DWR ID	DWR_MA0009_01_s _ 2017_290				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole within landside shoulder.					

Photo 1 of 1 : SP_2018_MA0009_201_290_20180306_00226.jpg



View of rodent hole on landside shoulder. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	8.68	Rating **	A/W	Issue No.	269
LM End	8.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.471157 °	38.471131 °
				-121.503889 °	-121.503884 °
DWR ID	DWR_MA0009_01_f_2017_269				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:237					
Site Designation:LMA-70					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/7/2017					
Notes: landside levee slope damage from foot traffic; no cross section taken; photo only, at this location levee has over 138' crown width; crown width relates to the landside railroad trails.					

Photo 1 of 3 : LEVAL_SP_2018_237_523.jpg



Photo 2 of 3 : LEVAL_SP_2018_237_526.jpg



LM Start	8.68	Rating **	A/W	Issue No.	269 (cont)
LM End	8.68	Issue Type +	Ma	Location *	

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	8.68	Rating **	A/W	Issue No.	269 (cont)	
LM End	8.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.471157 °	38.471131 °	
				-121.503889 °	-121.503884 °	
DWR ID	DWR_MA0009_01_f_2017_269					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:237						
Site Designation:LMA-70						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/7/2017						
Notes: landside levee slope damage from foot traffic; no cross section taken; photo only, at this location levee has over 138' crown width; crown width relates to the landside railroad trails.						

Photo 3 of 3 : LEVAL_SP_2018_237_538.jpg



LM Start	8.71	Rating **	M	Issue No.	425
LM End	8.71	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.470534 °	38.470534 °
				-121.503880 °	-121.503880 °
DWR ID	DWR_MA0009_01_f_2017_425				
Comment Code					
FW : Firewood					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	8.76	Rating **	M	Issue No.	166
LM End	10.52	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.469929 °	38.444723 °
				-121.503668 °	-121.500283 °
DWR ID	DWR_MA0009_01_s_2012_166				
Comment Code					
EQ : Equipment					
Inspector Comment					
Encroachment is railroad tracks (equipment), access is very limited, no patrol access, vegetation maint. is difficult. Tracks end at Cliff's Marina where Highway 160 crosses tracks, LM 9.36-9.80 is the town of Freeport with many encroachments.					

Photo 1 of 2 : SP_2018_MA0009_201_166_20180306_00119.jpg



Railroad tracks are on the crown preventing ability to patrol during flood season. Fall 2013

LM Start	8.76	Rating **	M	Issue No.	166 (cont)
LM End	10.52	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP_2018_MA0009_201_166_20180306_00120.jpg



Looking downstream towards Freeport. Fall 2013

LM Start	9.08	Rating **	M	Issue No.	346
LM End	9.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.465278 °	38.465278 °
				-121.503210 °	-121.503210 °
DWR ID	DWR_MA0009_01_f_2015_346				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_346_20180306_00281.jpg



View of the slope stability caused by foot traffic on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.22	Rating **	A/W	Issue No.	253
LM End	9.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.463301 °	38.463301 °
				-121.502904 °	-121.502904 °
DWR ID	DWR_MA0009_01_f_2016_253				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_253_20180306_00204.jpg



View of a footpath on LS slope causing slope stability issue. Fall 2016.

LM Start	9.23	Rating **	M	Issue No.	168
LM End	9.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.463138 °	38.463138 °
				-121.502788 °	-121.502788 °
DWR ID	DWR_MA0009_01_s_2012_168				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_168_20180306_00121.jpg



View of the building at the toe of the landward side of the levee looking upstream. Fall 2015.

LM Start	9.24	Rating **	M	Issue No.	349
LM End	9.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.462957 °	38.462957 °
				-121.502760 °	-121.502760 °
DWR ID	DWR_MA0009_01_f_2015_349				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tree is landscaped by the property owner. Visibility obstruction of levee slopes is not fully blocked.					

Photo 1 of 1 : SP_2018_MA0009_201_349_20180306_00283.jpg



View of the trees on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.25	Rating **	U	Issue No.	169
LM End	9.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462900 °	38.462900 °
				-121.502762 °	-121.502762 °
DWR ID	DWR_MA0009_01_s_2012_169				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_169_20180306_00122.jpg



A solid wooden fence and building within the easement. Fall 2013

LM Start	9.25	Rating **	U	Issue No.	169 (cont)
LM End	9.25	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_169_20180306_00123.jpg



View of the wooden fence and building on the landward side of the levee looking upstream. Fall 2015.

LM Start	9.25	Rating **	U	Issue No.	331
LM End	9.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462802 °	38.462802 °
				-121.502728 °	-121.502728 °
DWR ID	DWR_MA0009_01_f_2013_331				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_331_20180306_00264.jpg



View of the fence and landscape at the toe of the levee on the landward side of the levee. Fall 2015.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.26	Rating **	M	Issue No.	170
LM End	9.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462653 °	38.462653 °
				-121.502670 °	-121.502670 °
DWR ID	DWR_MA0009_01_s_2012_170				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_170_20180306_00124.jpg



A building at the toe. Spring 2013

LM Start	9.26	Rating **	M	Issue No.	170 (cont)
LM End	9.26	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_170_20180306_00125.jpg



Trees have grown and blocked the view of the building at the toe of the levee on the landward side. Fall 2015.

LM Start	9.26	Rating **	U	Issue No.	171
LM End	9.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462653 °	38.462653 °
				-121.502670 °	-121.502670 °
DWR ID	DWR_MA0009_01_s_2012_171				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_171_20180306_00126.jpg



A fence along the toe. Spring 2013

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Sacramento Maintenance Yard Maintenance Area 0009

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.31	Rating **	M	Issue No.	174
LM End	9.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462040 °	38.462040 °
				-121.502557 °	-121.502557 °
DWR ID	DWR_MA0009_01_s_2012_174				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_174_20180306_00130.jpg



A home is within the easement of the levee. Spring 2013

LM Start	9.33	Rating **	C	Issue No.	352
LM End	9.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.461690 °	38.461690 °
				-121.502447 °	-121.502447 °
DWR ID	DWR_MA0009_01_f_2015_352				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	9.36	Rating **	M	Issue No.	177
LM End	9.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.461343 °	38.461343 °
				-121.502345 °	-121.502345 °
DWR ID	DWR_MA0009_01_s_2012_177				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_177_20180306_00133.jpg

View of the trees on the landward side of the levee looking downstream.
Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.36	Rating **	M	Issue No.	176
LM End	9.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.461338 °	38.461338 °
				-121.502352 °	-121.502352 °
DWR ID	DWR_MA0009_01_s_2012_176				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_176_20180306_00131.jpg



The building is at the toe of the levee. Spring 2013

LM Start	9.36	Rating **	M	Issue No.	176 (cont)
LM End	9.36	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_176_20180306_00132.jpg

View of the storage shed at the toe of the levee on the landward side.
Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.39	Rating **	M	Issue No.	1795	
LM End	9.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.460920 °	38.460920 °	
				-121.502220 °	-121.502220 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5903						
DS_ID:18946						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Pipes should be removed or filled with grout.						
FIELD_STRUCT_DESC: 1 of 2: 2-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. Pipe open on both ends.						
FS Date: 6/21/2012 2:57:40 PM						

Photo 1 of 1 : UCIP_SP_2018_5903_8967.jpg



View of pipe from WS shoulder looking towards river.

LM Start	9.39	Rating **	M	Issue No.	1796
LM End	9.39	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.460920 °	38.460920 °
				-121.502220 °	-121.502220 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5904					
DS_ID:18947					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing. Pipe should be removed or grouted in place.					
FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. Pipe open on both ends.					
FS Date: 6/21/2012					

Photo 1 of 2 : UCIP_SP_2018_5904_8969.jpg



Pipe on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.39	Rating **	M	Issue No.	1796 (cont)	
LM End	9.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.460920 °	38.460920 °	
				-121.502220 °	-121.502220 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5904 DS_ID:18947 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe should be removed or grouted in place. FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. Pipe open on both ends. FS Date: 6/21/2012						

Photo 2 of 2 : UCIP_SP_2018_5904_8968.jpg



Pipe buried 3-feet upstream from top of stairs on LS slope.

LM Start	9.40	Rating **	M	Issue No.	178
LM End	9.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460772 °	38.460772 °
				-121.502170 °	-121.502170 °
DWR ID	DWR_MA0009_01_s_2012_178				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_178_20180306_00134.jpg



View of the building within the easement on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.40	Rating **	M	Issue No.	1797	
LM End	9.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.460670 °	38.460670 °	
				-121.502140 °	-121.502140 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5905 DS_ID:18948 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Likely that this is a service line that provides power for the boat dock. FIELD_STRUCT_DESC: Christie box on the waterside (WS) shoulder. Possibly a utility crossing connecting to an electrical panel on the building at the landside (LS) toe. Pipe not visible. FS Date: 6/21/2012 3:04:17 PM						

Photo 1 of 3 : UCIP_SP_2018_5905_8972.jpg



Likely that the pipes at the boat walkway cross at the christie box.

LM Start	9.40	Rating **	M	Issue No.	1797 (cont)
LM End	9.40	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5905_8971.jpg



Likely that the pipes at the boat walkway cross at the christie box.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.40	Rating **	M	Issue No.	1797 (cont)	
LM End	9.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.460670 °	38.460670 °	
				-121.502140 °	-121.502140 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5905 DS_ID:18948 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Likely that this is a service line that provides power for the boat dock. FIELD_STRUCT_DESC: Christie box on the waterside (WS) shoulder. Possibly a utility crossing connecting to an electrical panel on the building at the landside (LS) toe. Pipe not visible. FS Date: 6/21/2012 3:04:17 PM						

Photo 3 of 3 : UCIP_SP_2018_5905_8970.jpg



Likely that the pipes at the fuse box on the LS toe building cross at the christie box to serve boat dock.

LM Start	9.41	Rating **	U	Issue No.	179
LM End	9.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460573 °	38.460573 °
				-121.502127 °	-121.502127 °
DWR ID	DWR_MA0009_01_s_2012_179				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_179_20180306_00135.jpg



The fence is at the toe of the levee. Spring 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.41	Rating **	U	Issue No.	179 (cont)	
LM End	9.41	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.460573 °		38.460573 °
				-121.502127 °		-121.502127 °
DWR ID	DWR_MA0009_01_s_2012_179					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_179_20180306_00136.jpg



View of the fence on the landward side of the levee. Fall 2015.

LM Start	9.44	Rating **	M	Issue No.	180
LM End	9.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460210 °	38.460210 °
				-121.502030 °	-121.502030 °
DWR ID	DWR_MA0009_01_s_2012_180				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_180_20180306_00137.jpg



View of the building within the easement on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.48	Rating **	U	Issue No.	181
LM End	9.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.459665 °	38.458993 °
				-121.501847 °	-121.501642 °
DWR ID	DWR_MA0009_01_s_2012_181				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_181_20180306_00138.jpg



The fence continues along the toe. Spring 2013

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.48	Rating **	U	Issue No.	181 (cont)	
LM End	9.52	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.459665 °		38.458993 °
				-121.501847 °		-121.501642 °
DWR ID	DWR_MA0009_01_s_2012_181					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_181_20180306_00139.jpg



View of the fence along the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	9.50	Rating **	A/W	Issue No.	380
LM End	9.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.459358 °	38.459358 °
				-121.501770 °	-121.501770 °
DWR ID	DWR_MA0009_01_s_2016_380				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_380_20180306_00305.jpg



View of the trees on the waterward side of the levee looking upstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.52	Rating **	M	Issue No.	1798
LM End	9.52	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.459110 °	38.459110 °
				-121.501660 °	-121.501660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5907 DS_ID:18952 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) water line through the levee, 3 feet below the crown. Pump and tank system on the landside (LS) toe. FS Date: 6/21/2012 3:12:50 PM					

LM Start	9.52	Rating **	M	Issue No.	1798 (cont)
LM End	9.52	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_5907_8976.jpg



Pipe runs down LS slope to tank and pump at LS toe.

Photo 2 of 2 : UCIP_SP_2018_5907_8975.jpg



Pipe runs downstream parallel to levee crown just under the surface towards marina.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

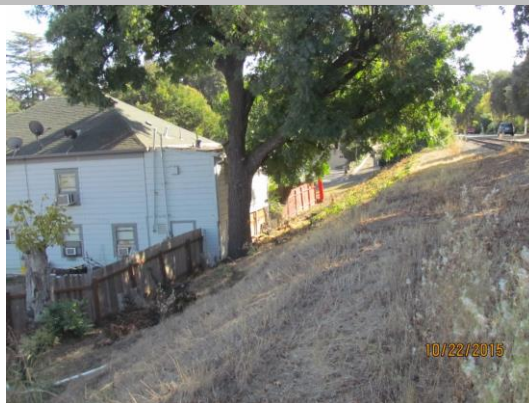
Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.53	Rating **	M	Issue No.	182
LM End	9.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458878 °	38.458878 °
				-121.501605 °	-121.501605 °
DWR ID	DWR_MA0009_01_s_2012_182				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_182_20180306_00140.jpg



View of the building at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	9.56	Rating **	M	Issue No.	183
LM End	9.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458450 °	38.458220 °
				-121.501498 °	-121.501397 °
DWR ID	DWR_MA0009_01_s_2012_183				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_183_20180306_00141.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.58	Rating **	U	Issue No.	186
LM End	9.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458242 °	38.458018 °
				-121.501340 °	-121.501317 °
DWR ID	DWR_MA0009_01_s_2012_186				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and shrubs block visibility of levee slopes.					

Photo 1 of 1 : SP_2018_MA0009_201_186_20180306_00145.jpg



View of the trees and shrubs on the waterward side of the levee looking downstream. This is at the Freeport Marina. Fall 2015.

LM Start	9.58	Rating **	U	Issue No.	185
LM End	9.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458242 °	38.457873 °
				-121.501340 °	-121.501290 °
DWR ID	DWR_MA0009_01_s_2012_185				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_185_20180306_00144.jpg



View of the trees and shrubs on the landward side of the levee looking downstream. Fall 2015.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.58	Rating **	M	Issue No.	1799
LM End	9.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458203 °	38.458203 °
				-121.501374 °	-121.501374 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5104 DS_ID:17397 EP_NO: 5150 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: There is no permit in this area for a waterline that could be identified. due to the amount of utilities in this area it is unclear if any are authorized. FIELD_STRUCT_DESC: 1 of 2: 1-1/2-inch pipe through levee, 1.0 foot below crown to boating facilities (Permit No's. 1573, 5150, and 5407). Appears to be 1.5-inch PVC waterline at this location. Aluminum box and cover on WS shoulder with valve and distribution header for sprinklers. FS Date: 6/21/2012 11:17:48 AM					

Photo 1 of 2 : UCIP_SP_2018_5104_6813.jpg



Aluminum box and cover on ws shoulder with 1.5-inch waterline and valve.

LM Start	9.58	Rating **	M	Issue No.	1799 (cont)
LM End	9.58	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5104_6812.jpg



Access box on WS shoulder looking down ws slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.58	Rating **	M	Issue No.	1800
LM End	9.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458150 °	38.458150 °
				-121.501360 °	-121.501360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5105 DS_ID:17645 EP_NO: 5150 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to determine location due to heavy vegetation on both LS and WS of levee. Due to the amount of utilities in this area it is unclear if any are authorized. FIELD_STRUCT_DESC: 2 of 2: 0.75-inch pipe of an unknown material or purpose through the levee, 1 foot below the crown. Pipe goes to boating facilities. (Permit Nos. 1573, 1951 - Cofer, 5150, 1966 - Freeport Marina, and 5407, 1966 - Stanley Rodrigues). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/21/2012 11:51:26 AM					

No Photos

LM Start	9.59	Rating **	M	Issue No.	184
LM End	9.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458078 °	38.458078 °
				-121.501367 °	-121.501367 °
DWR ID	DWR_MA0009_01_f_2017_184				
Comment Code					
BU : Building					
Inspector Comment					
Freeport bait shop.					

Photo 1 of 2 : SP_2018_MA0009_201_184_20180306_00142.jpg



The Freeport Bait shop is at the toe of the levee. Photo taken spring 2012.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	184 (cont)	
LM End	9.59	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.458078 °		38.458078 °
				-121.501367 °		-121.501367 °
DWR ID	DWR_MA0009_01_f_2017_184					
Comment Code						
BU : Building						
Inspector Comment						
Freeport bait shop.						

Photo 2 of 2 : SP_2018_MA0009_201_184_20180306_00143.jpg



View of the Freeport Bat shop at the toe of the levee on the landward side looking upstream. Fall 2015.

LM Start	9.59	Rating **	M	Issue No.	1801
LM End	9.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458050 °	38.458050 °
				-121.501330 °	-121.501330 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5908					
DS_ID:18949					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1.5-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown.					
FS Date: 6/21/2012 3:17:41 PM					

Photo 1 of 3 : UCIP_SP_2018_5908_8979.jpg



Close up of pipe on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
---	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	1801 (cont)	
LM End	9.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.458050 °	38.458050 °	
				-121.501330 °	-121.501330 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5908 DS_ID:18949 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. FS Date: 6/21/2012 3:17:41 PM						

Photo 2 of 3 : UCIP_SP_2018_5908_8978.jpg



View of pipe on WS slope.

LM Start	9.59	Rating **	M	Issue No.	1801 (cont)
LM End	9.59	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5908_8977.jpg



View of pipe location from levee crown looking towards WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	1802	
LM End	9.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.458020 °	38.458020 °	
				-121.501320 °	-121.501320 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5106 DS_ID:17398 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Due to the amount of small utilities in this area it is unclear if any are authorized. FIELD_STRUCT_DESC: 1 of 6: 1-inch conduit of an unknown material or purpose through the levee, 3 feet below the crown. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/21/2012 11:59:21 AM						

No Photos

LM Start	9.59	Rating **	M	Issue No.	1803
LM End	9.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458010 °	38.458010 °
				-121.501320 °	-121.501320 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5107 DS_ID:17646 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 2 of 6: 2-inch drain pipe through levee, 3 feet below crown. Main valve in box on waterward slope. Found 1.5-inch steel pipe near this location just upstream of stairs on WS of levee 1.5 feet below crown. FS Date: 6/21/2012 12:59:07 PM					

Photo 1 of 3 : UCIP_SP_2018_5107_6816.jpg



Pipe on WS slope just upstream from stairs.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	1803 (cont)	
LM End	9.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.458010 °	38.458010 °	
				-121.501320 °	-121.501320 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5107 DS_ID:17646 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 2 of 6: 2-inch drain pipe through levee, 3 feet below crown. Main valve in box on waterward slope. Found 1.5-inch steel pipe near this location just upstream of stairs on WS of levee 1.5 feet below crown. FS Date: 6/21/2012 12:59:07 PM						

LM Start	9.59	Rating **	M	Issue No.	1803 (cont)
LM End	9.59	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5107_6815.jpg



Pipe on WS slope just upstream from stairs.

Photo 3 of 3 : UCIP_SP_2018_5107_6814.jpg



Pipe on WS slope just upstream from stairs.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.60	Rating **	M	Issue No.	1806
LM End	9.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457960 °	38.457960 °
				-121.501300 °	-121.501300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5110 DS_ID:17649 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 5 of 6: 0.5-inch pipe of an unknown material or purpose through the levee, 0.5 feet below the crown. Pipe goes to marina in stream. Pipe appears to exit the back of the shed and enter the levee at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/21/2012 1:08:56 PM					

Photo 1 of 1 : UCIP_SP_2018_5110_6819.jpg



Pipes appear to exit the back of the shed at the LS toe and enter the levee.

LM Start	9.61	Rating **	U	Issue No.	1807	
LM End	9.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.457840 °		38.457840 °
				-121.501270 °		-121.501270 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51247 DS_ID:18950 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/01/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Open conduit through the levee. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 12/2/2016						

Photo 1 of 3 : UCIP_SP_2018_51247_20793.jpg



Pipe through freeport marina grass sign.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.61	Rating **	U	Issue No.	1807 (cont)	
LM End	9.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.457840 °		38.457840 °
				-121.501270 °		-121.501270 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51247 DS_ID:18950 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/01/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Open conduit through the levee. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 12/2/2016						

LM Start	9.61	Rating **	U	Issue No.	1807 (cont)
LM End	9.61	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_51247_20792.jpg



View of PVC pipe running through 2nd pipe.

Photo 3 of 3 : UCIP_SP_2018_51247_20791.jpg



Both pipes on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.61	Rating **	U	Issue No.	1808
LM End	9.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457840 °	38.457840 °
				-121.501270 °	-121.501270 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51248 DS_ID:18951 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Pipe open on both ends. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 12/2/2016					

LM Start	9.61	Rating **	U	Issue No.	1808 (cont)
LM End	9.61	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_51248_20796.jpg



Both pipes through grass sign on LS slope.

Photo 2 of 3 : UCIP_SP_2018_51248_20795.jpg



PVC waterline running through pipe on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.61	Rating **	U	Issue No.	1808 (cont)	
LM End	9.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.457840 °		38.457840 °
				-121.501270 °		-121.501270 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51248 DS_ID:18951 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Pipe open on both ends. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 12/2/2016						

Photo 3 of 3 : UCIP_SP_2018_51248_20794.jpg



both pipes on WS shoulder.

LM Start	9.61	Rating **	M	Issue No.	1809
LM End	9.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457723 °	38.457723 °
				-121.501230 °	-121.501230 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5112 DS_ID:17650 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 6 of 6: 0.5-inch galvanized steel water line riser with water spigot on the landside (LS) shoulder. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/21/2012 1:11:00 PM					

Photo 1 of 1 : UCIP_SP_2018_5112_6821.jpg



bent metal pipe at center leads to spigot at other end of Freeport Marina grass and gravel sign.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.67	Rating **	U	Issue No.	1810	
LM End	9.67	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.456900 °	38.456900 °	
				-121.500990 °	-121.500990 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51249						
DS_ID:17399						
EP_NO: 1804						
Repair Type: Urgent						
Crossing Status: Not Found						
UCIP Comments: 12/02/2016 same as last inspection no markers were found at this location. Need to coordinate with owner to determine status of crossing. (O. Magana - DWR UCIP)06/22/2012 No evidence could be found of crossing. Gasline markers should be installed if pipe actually at this location. Pipe not found. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 1 of 2: 1.5-inch galvanized iron gasoline pipe and 1-inch electrical conduit through levee, 3 feet below crown. Shut-off valves on both ends. (1.5-inch gas line pipe authorized under Permit No. 1804, 1959 - Cofer) [Additional Reference(s): DWR Levee Log, 1991].						
FS Date: 12/2/2016						

No Photos

LM Start	9.80	Rating **	M	Issue No.	1811
LM End	9.80	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.455040 °	38.455040 °
				-121.500450 °	-121.500450 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5117					
DS_ID:17439					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Walkway unsafe and could pose attractive nuisance to minors. Walkway should be repaired or removed.					
FIELD_STRUCT_DESC: 14-inch pipe through levee, 7.2 feet below crown. Pump on pile structure in stream. Overhead power line crosses levee to pole and meter next to pump. Ramp on landward slope. Permit No. 1449, 1949. Included in O+M manual (1955).					
FS Date: 6/22/2012 1:36:29 PM					

Photo 1 of 3 : UCIP_SP_2018_5117_6830.jpg



Walkway in total disrepair at pump on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.80	Rating **	M	Issue No.	1811 (cont)	
LM End	9.80	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.455040 °	38.455040 °	
				-121.500450 °	-121.500450 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5117						
DS_ID:17439						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Walkway unsafe and could pose attractive nuisance to minors. Walkway should be repaired or removed.						
FIELD_STRUCT_DESC: 14-inch pipe through levee, 7.2 feet below crown. Pump on pile structure in stream. Overhead power line crosses levee to pole and meter next to pump. Ramp on landward slope. Permit No. 1449, 1949. Included in O+M manual (1955).						
FS Date: 6/22/2012 1:36:29 PM						

Photo 2 of 3 : UCIP_SP_2018_5117_6829.jpg



Pump next to meter on pole, WS.

LM Start	9.80	Rating **	M	Issue No.	1811 (cont)
LM End	9.80	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5117_6828.jpg



Pump and pipe on WS of levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.85	Rating **	M	Issue No.	1812
LM End	9.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454360 °	38.454360 °
				-121.500300 °	-121.500300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5920 DS_ID:18953 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) pipe of an unknown purpose found on the waterside (WS) toe. Unclear if pipe penetrates the levee. FS Date: 6/22/2012 3:33:20 PM					

Photo 1 of 2 : UCIP_SP_2018_5920_9002.jpg



Pipe alignment from waters edge to upstream corner of building on WS shoulder of levee.

LM Start	9.85	Rating **	M	Issue No.	1812 (cont)
LM End	9.85	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5920_9001.jpg



Pipe on WS toe at river.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.86	Rating **	M	Issue No.	1813	
LM End	9.86	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.454220 °	38.454220 °	
				-121.500280 °	-121.500280 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5921 DS_ID:18954 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Trench work through the levee. Evidence of unidentified utility crossing. FS Date: 6/22/2012 3:38:59 PM						

Photo 1 of 2 : UCIP_SP_2018_5921_9004.jpg



Trench work down WS slope.

LM Start	9.86	Rating **	M	Issue No.	1813 (cont)
LM End	9.86	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5921_9003.jpg



Trench work from under RR tracks accross crown down WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.92	Rating **	A/W	Issue No.	360
LM End	9.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.453408 °	38.453408 °
				-121.500167 °	-121.500167 °
DWR ID	DWR_MA0009_01_f_2015_360				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_360_20180306_00289.jpg



An updated view of a footpath on LS slope of the levee. Fall 2016.

LM Start	9.92	Rating **	A/W	Issue No.	360 (cont)
LM End	9.92	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_360_20180306_00290.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.94	Rating **	A/W	Issue No.	361
LM End	9.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.453095 °	38.453095 °
				-121.500147 °	-121.500147 °
DWR ID	DWR_MA0009_01_f_2015_361				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_361_20180306_00291.jpg



An update view of a footpath on LS slope of the levee. Fall 2016.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	9.94	Rating **	A/W	Issue No.	361 (cont)	
LM End	9.94	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.453095 °		38.453095 °
				-121.500147 °		-121.500147 °
DWR ID	DWR_MA0009_01_f_2015_361					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : SP_2018_MA0009_201_361_20180306_00292.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.96	Rating **	A/W	Issue No.	362
LM End	9.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.452728 °	38.452728 °
				-121.500100 °	-121.500100 °
DWR ID	DWR_MA0009_01_f_2015_362				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_362_20180306_00293.jpg



Updated view of a footpath on LS slope of the levee. Fall 2016.

LM Start	9.96	Rating **	A/W	Issue No.	362 (cont)
LM End	9.96	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_362_20180306_00294.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	10.05	Rating **	M	Issue No.	365
LM End	10.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.451468 °	38.451468 °
				-121.500030 °	-121.500030 °
DWR ID	DWR_MA0009_01_f_2015_365				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion due to runoff that is undermining railroad tracks.					

Photo 1 of 1 : SP_2018_MA0009_201_365_20180306_00295.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	10.09	Rating **	A/W	Issue No.	366
LM End	10.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.450913 °	38.450913 °
				-121.500045 °	-121.500045 °
DWR ID	DWR_MA0009_01_s_2018_366				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_366_20180306_00296.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	10.12	Rating **	C	Issue No.	426
LM End	10.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.450472 °	38.450472 °
				-121.499889 °	-121.499889 °
DWR ID	DWR_MA0009_01_f_2017_426				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings at landside toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	10.12	Rating **	M	Issue No.	381
LM End	10.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.450427 °	38.450427 °
				-121.500032 °	-121.500032 °
DWR ID	DWR_MA0009_01_s_2016_381				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_381_20180306_00306.jpg



View from Hwy 160 on slope stability site on LS slope of the levee. Fall 2016.

LM Start	10.12	Rating **	M	Issue No.	381 (cont)
LM End	10.12	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_381_20180306_00307.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	10.15	Rating **	M	Issue No.	368
LM End	10.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.449967 °	38.449967 °
				-121.500053 °	-121.500053 °
DWR ID	DWR_MA0009_01_f_2015_368				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_368_20180306_00299.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	10.21	Rating **	C	Issue No.	427
LM End	10.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.449196 °	38.449196 °
				-121.499931 °	-121.499931 °
DWR ID	DWR_MA0009_01_f_2017_427				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile at landside tow blocking levee access gate.					

No Photos

LM Start	10.54	Rating **	M	Issue No.	309
LM End	10.54	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.444353 °	38.444353 °
				-121.500472 °	-121.500472 °
DWR ID	DWR_MA0009_01_s_2015_309				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_309_20180306_00246.jpg



View of the crack on the water ward side of the levee looking downstream. Spring 2015.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	10.56	Rating **	M	Issue No.	1814
LM End	10.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.444136 °	38.444136 °
				-121.500414 °	-121.500414 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:9443 DS_ID:18957 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 3.5 feet below the crown. Pump on elevated pier with elevated walkway on the waterside (WS) shoulder. 48-inch concrete distribution box on the landside (LS) toe. (Permit No. 1629, 1952 - C. A. Beach). FS Date: 6/22/2012 3:46:00 PM					

Photo 1 of 3 : UCIP_SP_2018_9443_16422.jpg



Pump on elevated pier on WS.

LM Start	10.56	Rating **	M	Issue No.	1814 (cont)
LM End	10.56	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_9443_16423.jpg



Concrete Standpipe on LS in homeowners yard.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	10.56	Rating **	M	Issue No.	1814 (cont)	
LM End	10.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.444136 °	38.444136 °	
				-121.500414 °	-121.500414 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:9443 DS_ID:18957 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 3.5 feet below the crown. Pump on elevated pier with elevated walkway on the waterside (WS) shoulder. 48-inch concrete distribution box on the landside (LS) toe. (Permit No. 1629, 1952 - C. A. Beach). FS Date: 6/22/2012 3:46:00 PM						

Photo 3 of 3 : UCIP_SP_2018_9443_16424.jpg



Pipe, Fire Connection, and Fenced in Walway on WS shoulder.

LM Start	10.58	Rating **	M	Issue No.	310
LM End	10.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.443880 °	38.443880 °
				-121.500545 °	-121.500545 °
DWR ID	DWR_MA0009_01_s_2015_310				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	10.77	Rating **	M	Issue No.	220
LM End	10.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.441133 °	38.441133 °
				-121.501632 °	-121.501632 °
DWR ID	DWR_MA0009_01_s_2012_220				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_220_20180306_00166.jpg



The over grown landscape blocks visibility. Fall 2013

LM Start	10.77	Rating **	M	Issue No.	220 (cont)
LM End	10.77	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_220_20180306_00167.jpg



A view of the drive and landscape. Photo taken spring 2012.

LM Start	10.82	Rating **	M	Issue No.	219
LM End	10.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.440577 °	38.440577 °
				-121.502058 °	-121.502058 °
DWR ID	DWR_MA0009_01_s_2012_219				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_219_20180306_00165.jpg



A view of the horse corral and some landscape. Photo taken spring 2012.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	10.95	Rating **	M	Issue No.	161
LM End	10.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.439031 °	38.439031 °
				-121.503463 °	-121.503463 °
DWR ID	DWR_MA0009_01_f_2012_161				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_161_20180306_00112.jpg



Landscape planted at toe of levee. Fall 2012

LM Start	10.96	Rating **	M	Issue No.	160
LM End	10.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.438883 °	38.438883 °
				-121.503654 °	-121.503654 °
DWR ID	DWR_MA0009_01_f_2012_160				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_160_20180306_00111.jpg



Groundcover and shrubs on the slope and toe of levee. Fall 2012

LM Start	11.01	Rating **	C	Issue No.	428
LM End	11.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.438346 °	38.438346 °
				-121.504287 °	-121.504287 °
DWR ID	DWR_MA0009_01_f_2017_428				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.02	Rating **	N	Issue No.	306
LM End	11.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.438314 °	38.438314 °
				-121.504306 °	-121.504306 °
DWR ID	DWR_MA0009_01_s_2017_306				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_306_20180306_00245.jpg



View of stump on waterside levee slope. Spring 2017.

LM Start	11.03	Rating **	M	Issue No.	154
LM End	11.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.438178 °	38.438178 °
				-121.504409 °	-121.504409 °
DWR ID	DWR_MA0009_01_f_2012_154				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_154_20180306_00106.jpg



Agave and shrubs planted on levee slope. Fall 2012

LM Start	11.14	Rating **	M	Issue No.	382
LM End	11.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.437101°	38.437101°
				-121.506064°	-121.506064°
DWR ID	DWR_MA0009_01_s_2017_382				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.19	Rating **	M	Issue No.	72
LM End	11.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.436735 °	38.436735 °
				-121.506647 °	-121.506647 °
DWR ID	DWR_MA0009_01_f_2012_72				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_72_20180306_00041.jpg



View of the landscape on the landward side of the levee looking downstream. Spring 2016.

LM Start	11.23	Rating **	M	Issue No.	1815	
LM End	11.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.436370 °	38.436370 °	
				-121.507300 °	-121.507300 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5129						
DS_ID:17457						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Determine if this pipe is grouted in place.						
FIELD_STRUCT_DESC: *ABANDONED* 14-inch pipe through levee, 5.0 feet below-crown. Pump and butterfly valve in pump house on waterward slope. 1.5-inch galvanized steel pipe 5-feet below crown provides electricity. 36-inch Concrete standpipe on LS toe. Permit No. 1215, 1947. included in O+M manual (1955). May have been grouted in place as there are grouting standpipes on both the LS and WS shoulder.						
FS Date: 6/22/2012 2:48:01 PM						

Photo 1 of 3 : UCIP_SP_2018_5129_6861.jpg



14-inch steel pipe on LS slope with 36-inch concrete standpipe in trees at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.23	Rating **	M	Issue No.	1815 (cont)	
LM End	11.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.436370 °	38.436370 °	
				-121.507300 °	-121.507300 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5129 DS_ID:17457 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Determine if this pipe is grouted in place. FIELD_STRUCT_DESC: *ABANDONED* 14-inch pipe through levee, 5.0 feet below-crown. Pump and butterfly valve in pump house on waterward slope. 1.5-inch galvanized steel pipe 5-feet below crown provides electricity. 36-inch Concrete standpipe on LS toe. Permit No. 1215, 1947. included in O+M manual (1955). May have been grouted in place as there are grouting standpipes on both the LS and WS shoulder. FS Date: 6/22/2012 2:48:01 PM						

Photo 2 of 3 : UCIP_SP_2018_5129_6860.jpg



Grouting attachment at LS.

LM Start	11.23	Rating **	M	Issue No.	1815 (cont)
LM End	11.23	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5129_6859.jpg



pipe and pumphouse on WS slope

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.33	Rating **	M	Issue No.	212
LM End	11.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435647 °	38.435647 °
				-121.508891 °	-121.508891 °
DWR ID	DWR_MA0009_01_s_2012_212				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_212_20180306_00163.jpg



Vegetation on the levee slope partially block visibility. Fall 2013

LM Start	11.33	Rating **	M	Issue No.	212 (cont)
LM End	11.33	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_MA0009_201_212_20180306_00164.jpg



The landscaping is planted on the levee slope and shoulder. Fall 2011

LM Start	11.37	Rating **	M	Issue No.	211
LM End	11.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435385 °	38.435385 °
				-121.509577 °	-121.509577 °
DWR ID	DWR_MA0009_01_s_2012_211				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_211_20180306_00162.jpg



View of the landscaping on the landward side of the levee looking downstream. Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.38	Rating **	M	Issue No.	71
LM End	11.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435313 °	38.435313 °
				-121.509660 °	-121.509660 °
DWR ID	DWR_MA0009_01_f_2012_71				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	11.54	Rating **	M	Issue No.	210
LM End	11.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.434465 °	38.434465 °
				-121.512453 °	-121.512453 °
DWR ID	DWR_MA0009_01_s_2012_210				
Comment Code					
BU : Building					
Inspector Comment					
Building with some landscaping in front of it.					

Photo 1 of 1 : SP_2018_MA0009_201_210_20180306_00161.jpg



View of the building on the landward side of the levee. The building is behind the shrubs and at the toe of the levee. Spring 2016.

LM Start	11.55	Rating **	M	Issue No.	209
LM End	11.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.434413 °	38.434413 °
				-121.512623 °	-121.512623 °
DWR ID	DWR_MA0009_01_s_2012_209				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_209_20180306_00160.jpg



View of the landscaping on the landward side of the levee looking downstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.57	Rating **	M	Issue No.	371
LM End	11.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.434315 °	38.434058 °
				-121.512955 °	-121.514256 °
DWR ID	DWR_MA0009_01_s _ 2018_371				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	11.62	Rating **	A/W	Issue No.	262
LM End	11.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.434149 °	38.434149 °
				-121.513969 °	-121.513969 °
DWR ID	DWR_MA0009_01_s _ 2018_262				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Minor runoff on the waterside slope. Recommend monitoring.					

Photo 1 of 1 : SP_2018_MA0009_201_262_20180502_00524.jpg



View of erosion on the waterside slope. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.66	Rating **	M	Issue No.	1816
LM End	11.66	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.434075 °	38.434075 °
				-121.514687 °	-121.514687 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5133 DS_ID:17461 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: excessive brush on WS slope prevents access to gate valve on WS slope. Remove brush. FIELD_STRUCT_DESC: 6-inch pipe through levee, 16.5 feet below crown. Pump in pump house at toe of landward slope. Could not locate the gate valve on waterward slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:08:19 PM					

Photo 1 of 3 : UCIP_SP_2018_5133_6876.jpg



Pumphouse on LS toe.

LM Start	11.66	Rating **	M	Issue No.	1816 (cont)
LM End	11.66	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5133_6875.jpg



Pump in pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.66	Rating **	M	Issue No.	1816 (cont)	
LM End	11.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.434075 °	38.434075 °	
				-121.514687 °	-121.514687 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5133						
DS_ID:17461						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: excessive brush on WS slope prevents access to gate valve on WS slope. Remove brush.						
FIELD_STRUCT_DESC: 6-inch pipe through levee, 16.5 feet below crown. Pump in pump house at toe of landward slope. Could not locate the gate valve on waterward slope. Originally included in O+M manual (1955).						
FS Date: 6/22/2012 3:08:19 PM						

Photo 3 of 3 : UCIP_SP_2018_5133_6874.jpg



Brush covered pipe on WS slope.

LM Start	11.77	Rating **	A/W	Issue No.	374
LM End	11.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.433958 °	38.433958 °
				-121.516706 °	-121.516706 °
DWR ID	DWR_MA0009_01_s_2017_374				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on landside levee slope.					

Photo 1 of 1 : SP_2018_MA0009_201_374_20180306_00301.jpg



View of erosion on landside levee slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.78	Rating **	M	Issue No.	1817
LM End	11.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.433998 °	38.433998 °
				-121.516790 °	-121.516790 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5139 DS_ID:17673 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: valve on WS slope does not close. FIELD_STRUCT_DESC: 2 of 2: 6-inch pipes through levee, 15.6 feet below crown. Pump and gate valve in pump house on landward side. Gate valve on WS slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:31:00 PM					

Photo 1 of 3 : UCIP_SP_2018_5139_6899.jpg



Broken or rusted valve on WS slope.

LM Start	11.78	Rating **	M	Issue No.	1817 (cont)
LM End	11.78	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5139_6898.jpg



Pipe on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.78	Rating **	M	Issue No.	1817 (cont)
LM End	11.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.433998 °	38.433998 °
				-121.516790 °	-121.516790 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5139 DS_ID:17673 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: valve on WS slope does not close. FIELD_STRUCT_DESC: 2 of 2: 6-inch pipes through levee, 15.6 feet below crown. Pump and gate valve in pump house on landward side. Gate valve on WS slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:31:00 PM					

Photo 3 of 3 : UCIP_SP_2018_5139_6897.jpg



Pumphouse on LS toe with JP and meter.

LM Start	11.84	Rating **	M	Issue No.	364
LM End	11.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433945 °	38.433953 °
				-121.517895 °	-121.518852 °
DWR ID	DWR_MA0009_01_s_2018_364				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	11.87	Rating **	A/W	Issue No.	287
LM End		Issue Type +	Ob	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.433998 °	°
				-121.518403 °	°
DWR ID	DWR_MA0009_01_f_2017_287				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:61					
Site Designation:106-129					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	11.96	Rating **	M	Issue No.	443
LM End	11.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.433955 °	38.433955 °
				-121.520044 °	-121.520044 °
DWR ID	DWR_MA0009_01_f_2017_443				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile at landside toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.00	Rating **	M	Issue No.	208
LM End	12.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433977 °	38.433977 °
				-121.520955 °	-121.520955 °
DWR ID	DWR_MA0009_01_s_2012_208				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_208_20180306_00159.jpg



View of the bush on the landward side of the levee looking downstream. Spring 2016.

LM Start	12.05	Rating **	M	Issue No.	363
LM End	12.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433977 °	38.433951 °
				-121.521803 °	-121.525913 °
DWR ID	DWR_MA0009_01_s_2018_363				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.23	Rating **	M	Issue No.	429
LM End	12.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.434124 °	38.434124 °
				-121.525125 °	-121.525125 °
DWR ID	DWR_MA0009_01_f_2017_429				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree on waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.29	Rating **	M	Issue No.	1818
LM End	12.29	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.433945 °	38.433945 °
				-121.526154 °	-121.526154 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41065 DS_ID:17581 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: T post on WS slope and 2-inch galvanized steel pipe on LS toe may indicate ends of abandoned pipe. FIELD_STRUCT_DESC: 6-inch pipe through the levee. Pump on River side with gates on river side of levee have been removed. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:50:00 PM					

Photo 1 of 2 : UCIP_SP_2018_41065_6903.jpg



Tpost on WS slope.

LM Start	12.29	Rating **	M	Issue No.	1818 (cont)
LM End	12.29	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_41065_6902.jpg



2-inch pipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.30	Rating **	A/W	Issue No.	307
LM End	12.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.433977 °	38.433977 °
				-121.526297 °	-121.526297 °
DWR ID	DWR_MA0009_01_s _ 2017_307				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Slight runoff erosion on waterside slope.					

No Photos

LM Start	12.33	Rating **	M	Issue No.	384
LM End	12.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433822 °	38.433665 °
				-121.526819 °	-121.527565 °
DWR ID	DWR_MA0009_01_s _ 2016_384				
Comment Code					
V6 : Landscaping					
Inspector Comment					
7 trees planted at levee toe.					

Photo 1 of 1 : SP_2018_MA0009_201_384_20180306_00308.jpg



View of the newly planted trees at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	12.40	Rating **	M	Issue No.	225
LM End	12.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433536 °	38.433536 °
				-121.528237 °	-121.528237 °
DWR ID	DWR_MA0009_01_s _ 2012_225				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_225_20180306_00168.jpg



View of the groundcover on the landward side of the levee looking downstream. Fall 2015.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.45	Rating **	M	Issue No.	359
LM End	12.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.433246 °	38.430551 °	
			-121.529072 °	-121.531480 °	
DWR ID	DWR_MA0009_01_s _ 2018_359				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.48	Rating **	A/W	Issue No.	288
LM End		Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.433115 °		
			-121.529491 °		
DWR ID	DWR_MA0009_01_f _ 2017_288				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:58 Site Designation:106-247 Repair Type: Seepage Rating: Field Date: Notes:					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.61	Rating **	A/W	Issue No.	431
LM End	12.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.431911 °	38.431911 °
				-121.531354 °	-121.531354 °
DWR ID	DWR_MA0009_01_f_2017_431				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Footpath that is beginning to erode from runoff. Recommend monitoring.					

No Photos

LM Start	12.71	Rating **	M	Issue No.	1819	
LM End	12.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.430460 °	38.430460 °	
				-121.531480 °	-121.531480 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5162 DS_ID:17453 EP_NO: 8662 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Further investigation is necessary to determine proper abandonment of this crossing. It is likely the 6-inch pipe on the WS is sleeved through an 8-inch steel pipe, but only the 6-inch is visible on the WS (see photo) FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 9.0 feet below crown on LS. 6-inch steel pipe through WS slope 3.5 feet below the crown; grouted in place on WS. 1.5-inch steel conduit 3.5 feet below the crown next to 6-inch on WS slope. Power and service pole on landward slope. FS Date: 6/22/2012 8:51:49 AM						

Photo 1 of 1 : UCIP_SP_2018_5162_6965.jpg



6-inch steel pipe grouted in place 3.5-feet below the crown.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.72	Rating **	U	Issue No.	1820
LM End	12.72	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.430460 °	38.430460 °	
			-121.531480 °	-121.531480 °	
DWR ID					

Comment Code					
Inspector Comment					

FS_ID:51251
DS_ID:17675
EP_NO: 8662
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/02/2016 Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee. Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pump house is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].
FS Date: 12/2/2016

Photo 1 of 3 : UCIP_SP_2018_51251_20789.jpg



Pumphouse on LS toe with meter on pole and 3X5 concrete distribution box.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
---	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.72	Rating **	U	Issue No.	1820 (cont)
LM End	12.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51251
DS_ID:17675
EP_NO: 8662
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/02/2016 Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee. Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pump house is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].
FS Date: 12/2/2016

Photo 2 of 3 : UCIP_SP_2018_51251_20788.jpg



Remote hand crank for gate valve at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.72	Rating **	U	Issue No.	1820 (cont)
LM End	12.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51251
DS_ID:17675
EP_NO: 8662
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/02/2016 Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee. Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pump house is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].
FS Date: 12/2/2016

Photo 3 of 3 : UCIP_SP_2018_51251_20787.jpg



Gate valve at WS toe.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	12.76	Rating **	M	Issue No.	207
LM End	12.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.429764 °	38.429764 °
				-121.531226 °	-121.531226 °
DWR ID	DWR_MA0009_01_s_2012_207				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_207_20180306_00158.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	12.83	Rating **	A/W	Issue No.	254
LM End	12.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.428881 °	38.428881 °
				-121.530829 °	-121.530829 °
DWR ID	DWR_MA0009_01_f_2016_254				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_254_20180306_00205.jpg



Path made due to foot traffic. May cause slope stability issues. Stepping stones put in the ground. Fall 2016.

LM Start	12.86	Rating **	M	Issue No.	356
LM End	13.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.428433 °	38.421752 °
				-121.530547 °	-121.525270 °
DWR ID	DWR_MA0009_01_s_2018_356				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	13.44	Rating **	U	Issue No.	1821 (cont)	
LM End	13.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.421394 °	38.421394 °	
				-121.524955 °	-121.524955 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51464 DS_ID:17469 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as previous inspection recommend internal integrity inspection to determine condition of pipe through the levee. Need to contact owner to dermine status of crossing. If crossing is still in use or is no longer in use, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/25/2012 Pipe has leaks between valve and levee crown on both sides of levee. Ineffective repairs have been made. This pipe is an excellent candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through levee, 4.8 feet below crown. Pump in pump house located on the waterside (WS) slope, stairs located on both slopes. Gate valves on both ends. Service pole located on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959, (River Mile 42.36)]. FS Date: 12/2/2016						

LM Start	13.44	Rating **	U	Issue No.	1821 (cont)
LM End	13.44	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_51464_20798.jpg



Holes/leaks in pipe on WS of Pumphouse.

Photo 3 of 3 : UCIP_SP_2018_51464_20797.jpg



Slant pump in pumphouse.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	13.45	Rating **	M	Issue No.	206
LM End	13.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.421183 °	38.421183 °
				-121.524747 °	-121.524747 °
DWR ID	DWR_MA0009_01_s_2012_206				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_206_20180306_00157.jpg



View of the trees on the landward side of the levee looking downstream. Fall 2015.

LM Start	13.70	Rating **	U	Issue No.	1822
LM End	13.70	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.418110 °	38.418110 °
				-121.522470 °	-121.522470 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51260 DS_ID:17471 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 12/02/2016 Multiple PG&E markers were found along the LS toe. Line runs along LS toe for several miles and splits off main line at multiple locations. Need to coordinate with owner to determine where pipe crosses levee. Need to coordinate with PG&E to determine if crossing goes through the levee or if line goes along LS toe only. (O. Magana - DWR UCIP)06/25/2012 Pipe not found and no markers found. Further investigation should be conducted to locate gasoline. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 6-inch high pressure gas line of unknown material through levee and across the channel at an unknown depth. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016					

Photo 1 of 3 : UCIP_SP_2018_51260_76342.jpg



View of PG&E markers located where pipe is assumed to be.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	13.70	Rating **	U	Issue No.	1822 (cont)
LM End	13.70	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.418110 °	38.418110 °
				-121.522470 °	-121.522470 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51260 DS_ID:17471 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 12/02/2016 Multiple PG&E markers were found along the LS toe. Line runs along LS toe for several miles and splits off main line at multiple locations. Need to coordinate with owner to determine where pipe crosses levee. Need to coordinate with PG&E to determine if crossing goes through the levee or if line goes along LS toe only. (O. Magana - DWR UCIP)06/25/2012 Pipe not found and no markers found. Further investigation should be conducted to locate gasoline. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 6-inch high pressure gas line of unknown material through levee and across the channel at an unknown depth. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016					

Photo 2 of 3 : UCIP_SP_2018_51260_76343.jpg



PG&E line markers visible along LS toe.

LM Start	13.70	Rating **	U	Issue No.	1822 (cont)
LM End	13.70	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_51260_76344.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	13.85	Rating **	M	Issue No.	1823
LM End	13.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.416180 °	38.416180 °
				-121.521083 °	-121.521083 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5172 DS_ID:17474 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent undermining pipe on LS slope. Need to fill burrow with flowable fill. FIELD_STRUCT_DESC: 14-inch pipe through levee, 5.2 feet below crown. 12-inch sleeved through 14-inch with annular space grouted. Pump and gate valve in pump house on waterward slope. Service pole on landward slope. 36-inch steel standpipe at toe of landward slope. Originally included in O+M manual (1955). 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. FS Date: 6/25/2012 10:08:16 AM					

Photo 1 of 3 : UCIP_SP_2018_5172_6983.jpg



Pump and gate valve in pumphouse on WS slope.

LM Start	13.85	Rating **	M	Issue No.	1823 (cont)
LM End	13.85	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5172_6982.jpg



36-inch standpipe, JP, and meter on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	13.85	Rating **	M	Issue No.	1823 (cont)	
LM End	13.85	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.416180 °		38.416180 °
				-121.521083 °		-121.521083 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5172 DS_ID:17474 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent undermining pipe on LS slope. Need to fill burrow with flowable fill. FIELD_STRUCT_DESC: 14-inch pipe through levee, 5.2 feet below crown. 12-inch sleeved through 14-inch with annular space grouted. Pump and gate valve in pump house on waterward slope. Service pole on landward slope. 36-inch steel standpipe at toe of landward slope. Originally included in O+M manual (1955). 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. FS Date: 6/25/2012 10:08:16 AM						

Photo 3 of 3 : UCIP_SP_2018_5172_6981.jpg



Pump and gate valve in pumphouse on WS slope.

LM Start	13.94	Rating **	C	Issue No.	261
LM End	13.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.415112 °	38.415112 °
				-121.520226 °	-121.520226 °
DWR ID	DWR_MA0009_01_f_2016_261				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	13.95	Rating **	M	Issue No.	442
LM End	13.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.415003 °	38.415003 °
				-121.520154 °	-121.520154 °
DWR ID	DWR_MA0009_01_f_2017_442				
Comment Code					
FW : Firewood					
Inspector Comment					
Firewood on landside slope and at toe.					

No Photos

LM Start	13.96	Rating **	M	Issue No.	265
LM End	13.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.414860 °	38.414860 °
				-121.520095 °	-121.520095 °
DWR ID	DWR_MA0009_01_s_2018_265				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff and slope stability site. It appears to be an active fishing spot.					

Photo 1 of 2 : SP_2018_MA0009_201_265_20180502_00525.jpg



View of erosion site on waterside slope. Spring 2018.

LM Start	13.96	Rating **	M	Issue No.	265 (cont)
LM End	13.96	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_MA0009_201_265_20180502_00526.jpg



Additional view of erosion. Spring 2018.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.24	Rating **	M	Issue No.	1824	
LM End	14.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.411280 °	38.411280 °	
				-121.517510 °	-121.517510 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5174 DS_ID:17475 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between 12-inch and 14-inch pipes needs to be grouted. Siphon breaker on LS shoulder appears to be damaged. No permit identified for this crossing and it is not noted in the O+M manual. FIELD_STRUCT_DESC: 14-inch pipe through levee, 2.6 feet below crown. 12-inch pipe on WS connected to 14-inch pipe through levee. Pump on pile structure in stream. 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. Siphon breaker in 24-inch CMP riser on LS shoulder. Pole, meter, and 36-inch concrete standpipe on LS toe. Permit No. 1835, 1953. FS Date: 6/25/2012 10:19:35 AM						

Photo 1 of 3 : UCIP_SP_2018_5174_6987.jpg



12-inch steel pipe through 14-inch steel conduit on WS shoulder at pier.
1.5-inch steel electrical conduit.

LM Start	14.24	Rating **	M	Issue No.	1824 (cont)
LM End	14.24	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5174_6986.jpg



12-inch pipe on pier WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

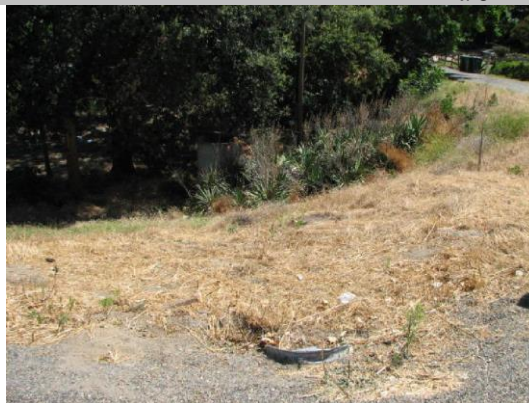
Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.24	Rating **	M	Issue No.	1824 (cont)	
LM End	14.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.411280 °	38.411280 °	
				-121.517510 °	-121.517510 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5174 DS_ID:17475 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between 12-inch and 14-inch pipes needs to be grouted. Siphon breaker on LS shoulder appears to be damaged. No permit identified for this crossing and it is not noted in the O+M manual. FIELD_STRUCT_DESC: 14-inch pipe through levee, 2.6 feet below crown. 12-inch pipe on WS connected to 14-inch pipe through levee. Pump on pile structure in stream. 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. Siphon breaker in 24-inch CMP riser on LS shoulder. Pole, meter, and 36-inch concrete standpipe on LS toe. Permit No. 1835, 1953. FS Date: 6/25/2012 10:19:35 AM						

Photo 3 of 3 : UCIP_SP_2018_5174_6985.jpg



siphon breaker in damaged 24-inch CMP riser on LS shoulder (in foreground)

LM Start	14.27	Rating **	M	Issue No.	205
LM End	14.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.410947 °	38.410947 °
				-121.517202 °	-121.517202 °
DWR ID	DWR_MA0009_01_s_2012_205				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_MA0009_201_205_20180306_00155.jpg



Looking downstream at the landscaping on the levee slope. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.27	Rating **	M	Issue No.	205 (cont)	
LM End	14.27	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.410947 °		38.410947 °
				-121.517202 °		-121.517202 °
DWR ID	DWR_MA0009_01_s_2012_205					
Comment Code						
V6 : Landscaping						
Inspector Comment						

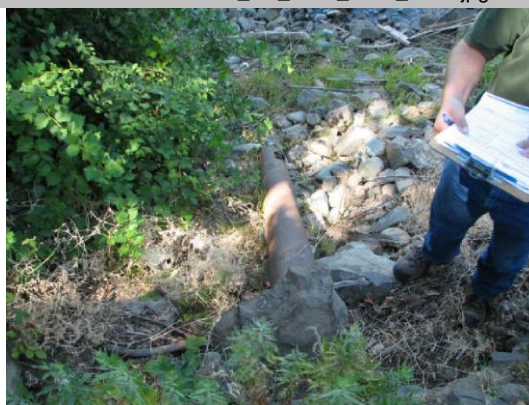
Photo 2 of 2 : SP_2018_MA0009_201_205_20180306_00156.jpg



View of the shrubs on the landward side of the levee looking upstream. Spring 2016.

LM Start	14.28	Rating **	M	Issue No.	1825	
LM End	14.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.410811 °	38.410811 °	
				-121.517144 °	-121.517144 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5175						
DS_ID:17575						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Type of abandonment needs to be determined.						
FIELD_STRUCT_DESC: 6-inch pipe through the levee 6.1-feet below the crown and visible on WS toe. Pump on water side removed.						
Originally included in O+M manual (1955).						
FS Date: 6/25/2012 10:35:04 AM						

Photo 1 of 1 : UCIP_SP_2018_5175_6989.jpg



cut-off pipe at WS toe/slope. No indication pipe goes through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.45	Rating **	M	Issue No.	275
LM End	14.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.408608 °	38.408608 °
				-121.515788 °	-121.515788 °
DWR ID	DWR_MA0009_01_s _ 2018_275				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterside slope.					

No Photos

LM Start	14.52	Rating **	M	Issue No.	285
LM End	14.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.407612 °	38.407612 °
				-121.515226 °	-121.515226 °
DWR ID	DWR_MA0009_01_s _ 2018_285				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.64	Rating **	U	Issue No.	1826	
LM End	14.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.406118 °	38.406118 °	
				-121.514463 °	-121.514463 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51704						
DS_ID:17466						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)						
FIELD_STRUCT_DESC: 12-inch pipe through levee, 10.5 feet below crown. Pump on pump house on landward side. Originally included in O+M manual (1955). JP and meter at LS toe.						
FS Date: 4/26/2017 11:17:00 AM						

Photo 1 of 3 : UCIP_SP_2018_51704_6999.jpg



Pumphouse, JP, and meter on LS toe.

LM Start	14.64	Rating **	U	Issue No.	1826 (cont)
LM End	14.64	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_51704_6998.jpg



8-inch pipe and discarded 8-inch pipe on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.64	Rating **	U	Issue No.	1826 (cont)	
LM End	14.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.406118 °	38.406118 °	
				-121.514463 °	-121.514463 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51704						
DS_ID:17466						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)						
FIELD_STRUCT_DESC: 12-inch pipe through levee, 10.5 feet below crown. Pump on pump house on landward side. Originally included in O+M manual (1955). JP and meter at LS toe.						
FS Date: 4/26/2017 11:17:00 AM						

Photo 3 of 3 : UCIP_SP_2018_51704_7001.jpg



8-inch pipe at US side of concrete pumphouse.

LM Start	14.64	Rating **	U	Issue No.	1827
LM End	14.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.406099 °	38.406099 °
				-121.514458 °	-121.514458 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51705 DS_ID:17441 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 04/26/2017 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)06/25/2012 Further evaluation should be conducted to determine if 12-inch pipe through levee has been properly abandoned. Pipe rusted through at bottom of pumphouse. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe through levee, 9.5 feet below crown. Concrete pump house with pump and gate valve at bottom of pit on WS slope. Steel plate welded on waterward end could not be verified or found. Originally included in O+M manual (1955). FS Date: 4/26/2017 10:52:00 AM					

Photo 1 of 3 : UCIP_SP_2018_51705_6995.jpg



Pump, pipe, and gate valve at bottom of pit in pumphouse.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.64	Rating **	U	Issue No.	1827 (cont)	
LM End	14.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.406099 °	38.406099 °	
				-121.514458 °	-121.514458 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51705 DS_ID:17441 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 04/26/2017 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)06/25/2012 Further evaluation should be conducted to determine if 12-inch pipe through levee has been properly abandoned. Pipe rusted through at bottom of pumphouse. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe through levee, 9.5 feet below crown. Concrete pump house with pump and gate valve at bottom of pit on WS slope. Steel plate welded on waterward end could not be verified or found. Originally included in O+M manual (1955). FS Date: 4/26/2017 10:52:00 AM						

Photo 2 of 3 : UCIP_SP_2018_51705_6994.jpg



Pipe appears to be severely corroded at bottom of pumphouse pit.

LM Start	14.64	Rating **	U	Issue No.	1827 (cont)
LM End	14.64	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_51705_6993.jpg



Pumphouse on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.73	Rating **	M	Issue No.	1828	
LM End	14.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.404834 °	38.404834 °	
				-121.513860 °	-121.513860 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51462 DS_ID:17464 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Same as previous inspection. Need find owner. Owner will need to coordinate with the CVFPB to address what is currently logged as unauthorized encroachments. Owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Crossing has been downgraded from "Urgent" to "Non-Urgent" due to modifications made to the UCIP repair/maintenance priority. (O. Magana - DWR UCIP)06/25/2012 No permit issued for this crossing and it is not an O+M entry. Abandoned pipe not grouted or sealed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2.25-inch steel water line through levee, 5 feet below crown. Gate valve located on the waterside (WS) slope has been removed. 2-inch steel pipe remains visible on the landside (LS) slope parallel to new 2.25-inch steel pipe. Pump house is located on the LS toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016						

LM Start	14.73	Rating **	M	Issue No.	1828 (cont)
LM End	14.73	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_51462_20806.jpg



2.25-inch pipe at waterline.

Photo 2 of 3 : UCIP_SP_2018_51462_20805.jpg



View of pipe from WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.73	Rating **	M	Issue No.	1828 (cont)	
LM End	14.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.404834 °		38.404834 °
				-121.513860 °		-121.513860 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51462 DS_ID:17464 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Same as previous inspection. Need find owner. Owner will need to coordinate with the CVFPB to address what is currently logged as unauthorized encroachments. Owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Crossing has been downgraded from "Urgent" to "Non-Urgent" due to modifications made to the UCIP repair/maintenance priority. (O. Magana - DWR UCIP)06/25/2012 No permit issued for this crossing and it is not an O+M entry. Abandoned pipe not grouted or sealed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2.25-inch steel water line through levee, 5 feet below crown. Gate valve located on the waterside (WS) slope has been removed. 2-inch steel pipe remains visible on the landside (LS) slope parallel to new 2.25-inch steel pipe. Pump house is located on the LS toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016						

Photo 3 of 3 : UCIP_SP_2018_51462_20804.jpg



LS slope at pipe and pumphouse

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.75	Rating **	M	Issue No.	1829
LM End	14.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.404510 °	38.404510 °
				-121.513690 °	-121.513690 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5926 DS_ID:18958 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: 4-inch cast iron sewer pipe through the levee, 18 feet below the crown. Located 9 feet upstream from the boat ramp walkway on the waterside (WS) slope. FS Date: 6/25/2012 3:51:21 PM					

LM Start	14.75	Rating **	M	Issue No.	1829 (cont)
LM End	14.75	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_5926_9012.jpg



Pipe on WS slope at waterline. Pipe not backfilled with grout.

Photo 2 of 2 : UCIP_SP_2018_5926_9011.jpg



Pipe on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.76	Rating **	M	Issue No.	1830
LM End	14.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.404480 °	38.404480 °
				-121.513680 °	-121.513680 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5928					
DS_ID:18959					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown, at the upstream side of the boat ramp walkway. Provides electrical service to boat ramp.					
FS Date: 6/25/2012 3:53:19 PM					

Photo 1 of 2 : UCIP_SP_2018_5928_9020.jpg



Possible electrical conduit on boat dock.

LM Start	14.76	Rating **	M	Issue No.	1830 (cont)
LM End	14.76	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5928_9019.jpg



Electrical conduit at WS shoulder on upstream side of pier walkway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	14.76	Rating **	M	Issue No.	957
LM End	14.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.404447 °	38.404447 °
				-121.513634 °	-121.513634 °
DWR ID	DWR_MA0009_01_s _ 2012_957				
Comment Code					
FE : Fence					
Inspector Comment					
Painted brick wall on landside shoulder.					

Photo 1 of 1 : SP_2018_MA0009_201_957_20180306_00320.jpg



View of the brick wall on the shoulder of the levee on the landward side looking upstream. Spring 2016.

LM Start	14.79	Rating **	M	Issue No.	350
LM End	15.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.404005 °	38.400291 °
				-121.513442 °	-121.512214 °
DWR ID	DWR_MA0009_01_s _ 2018_350				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.04	Rating **	M	Issue No.	1831
LM End	15.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.400520 °	38.400520 °
				-121.512300 °	-121.512300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5180 DS_ID:17429 EP_NO: 6189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if additional pipe on LS slope is discarded material or an additional pipe through the levee. FIELD_STRUCT_DESC: 5-inch pipe sleeved through 7-inch pipe through levee, 8.4 feet below crown. Annular space grouted, pump and gate valve in pump house on landward side (App. No. 6189 11/15/1968). Originally included in O+M manual (1955). 1-inch primer line runs to LS shoulder and 5-inch standpipe. FS Date: 6/25/2012 11:31:49 AM					

LM Start	15.04	Rating **	M	Issue No.	1831 (cont)
LM End	15.04	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_5180_7004.jpg



Pumphouse, JP, and meter on LS toe. Showing 3 pipes on LS slope.

Photo 2 of 3 : UCIP_SP_2018_5180_7003.jpg



Pump in pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.04	Rating **	M	Issue No.	1831 (cont)	
LM End	15.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.400520 °	38.400520 °	
				-121.512300 °	-121.512300 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5180 DS_ID:17429 EP_NO: 6189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if additional pipe on LS slope is discarded material or an additional pipe through the levee. FIELD_STRUCT_DESC: 5-inch pipe sleeved through 7-inch pipe through levee, 8.4 feet below crown. Annular space grouted, pump and gate valve in pump house on landward side (App. No. 6189 11/15/1968). Originally included in O+M manual (1955). 1-inch primer line runs to LS shoulder and 5-inch standpipe. FS Date: 6/25/2012 11:31:49 AM						

Photo 3 of 3 : UCIP_SP_2018_5180_7002.jpg



Distribution system on LS toe.

LM Start	15.09	Rating **	M	Issue No.	55
LM End	15.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.399804 °	38.399804 °
				-121.512096 °	-121.512096 °
DWR ID	DWR_MA0009_01_s_2012_55				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_55_20180306_00034.jpg



View of the trees and ivy plants on the shoulder of the levee on the landward side looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.11	Rating **	M	Issue No.	344
LM End	15.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.399456 °	38.387638 °
				-121.512045 °	-121.513473 °
DWR ID	DWR_MA0009_01_s_2018_344				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	15.19	Rating **	M	Issue No.	1832
LM End	15.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.398340 °	38.398340 °
				-121.511980 °	-121.511980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5181 DS_ID:17430 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve on WS does not open or close. FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 12.7 feet below crown. Joint pole, meter, 16-inch standpipe and pump on LS toe. Gate valve on waterward slope. 1-inch galvanized steel primer pipe runs parallel to 8-inch pipe on LS slope. Originally included in O+M manual (1955). FS Date: 6/25/2012 11:56:42 AM					

Photo 1 of 3 : UCIP_SP_2018_5181_7008.jpg



Gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.19	Rating **	M	Issue No.	1832 (cont)	
LM End	15.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.398340 °	38.398340 °	
				-121.511980 °	-121.511980 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5181						
DS_ID:17430						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Gate valve on WS does not open or close.						
FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 12.7 feet below crown. Joint pole, meter, 16-inch standpipe and pump on LS toe.						
Gate valve on waterward slope. 1-inch galvanized steel primer pipe runs parallel to 8-inch pipe on LS slope. Originally included in O+M manual (1955).						
FS Date: 6/25/2012 11:56:42 AM						

Photo 2 of 3 : UCIP_SP_2018_5181_7007.jpg



Close up of Gate valve on WS slope.

LM Start	15.19	Rating **	M	Issue No.	1832 (cont)
LM End	15.19	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5181_7006.jpg



Pump, pipe, and appurtances on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.31	Rating **	A/W	Issue No.	291
LM End		Issue Type +	Ob	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.396600 °	°
				-121.511911 °	°
DWR ID	DWR_MA0009_01_f_2017_291				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:57					
Site Designation:106-254					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	15.55	Rating **	M	Issue No.	256
LM End	15.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.393089 °	38.393089 °
				-121.512233 °	-121.512233 °
DWR ID	DWR_MA0009_01_f_2016_256				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope stability may be caused by pipe on WS toe of the levee. Recommend backfilling dirot.					

Photo 1 of 1 : SP_2018_MA0009_201_256_20180306_00206.jpg



At least 1-foot-deep cave found near a UCIP pipe on WS slope. Fall 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.56	Rating **	U	Issue No.	1833
LM End	15.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.393070 °	38.393070 °
				-121.512190 °	-121.512190 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51465 DS_ID:17431 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Assumed same condition as last inspection--unable to verify damage reported during last inspection due to limited access to both WS and LS (steep slopes--safety issue). Crossing remains "Urgent" due to signs of sink hole/burrow activity visible along WS pipe alignment. Need to contact owner. Recommend internal integrity inspection be performed at this crossing to determine condition of pipe through the levee. (O. Magana - DWR UCIP)06/25/2012 2-foot deep 5-foot diameter sink hole over pipe at LS shoulder. Pipe has multiple repairs and leaks along water side slope. gate valve is in-operative. Pipe is likely failing internally. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through levee, 17 feet below crown. Pump and gate valve on concrete stand box are located on the landside (LS) toe. Slant pump and 10-inch pipe sleeved into 12-inch pipe located on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 40.34)]. FS Date: 12/2/2016					

LM Start	15.56	Rating **	U	Issue No.	1833 (cont)
LM End	15.56	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_51465_20809.jpg



Slant pump on WS slope.

Photo 2 of 3 : UCIP_SP_2018_51465_20808.jpg



Gate valve missing handle.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.56	Rating **	U	Issue No.	1833 (cont)	
LM End	15.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.393070 °		38.393070 °
				-121.512190 °		-121.512190 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51465 DS_ID:17431 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Assumed same condition as last inspection--unable to verify damage reported during last inspection due to limited access to both WS and LS (steep slopes--safety issue). Crossing remains "Urgent" due to signs of sink hole/burrow activity visible along WS pipe alignment. Need to contact owner. Recommend internal integrity inspection be performed at this crossing to determine condition of pipe through the levee. (O. Magana - DWR UCIP)06/25/2012 2-foot deep 5-foot diameter sink hole over pipe at LS shoulder. Pipe has multiple repairs and leaks along water side slope. gate valve is in-operative. Pipe is likely failing internally. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through levee, 17 feet below crown. Pump and gate valve on concrete stand box are located on the landside (LS) toe. Slant pump and 10-inch pipe sleeved into 12-inch pipe located on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 40.34)]. FS Date: 12/2/2016						

Photo 3 of 3 : UCIP_SP_2018_51465_20807.jpg



Pipe holes and patch job typical of large sections of pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.80	Rating **	M	Issue No.	1834
LM End	15.80	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.389530 °	38.389530 °
				-121.512800 °	-121.512800 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41066 DS_ID:17432 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe abandoned/grouted in place by DWR. Pipe not found but pump and appurtances good indicator of previous location. FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 8-inch abandoned pipe through levee, 12.7 feet below crown. Pressure grouted 8/68 by DWR. Originally included in O+M manual (1955). FS Date: 6/25/2012 1:39:00 PM					

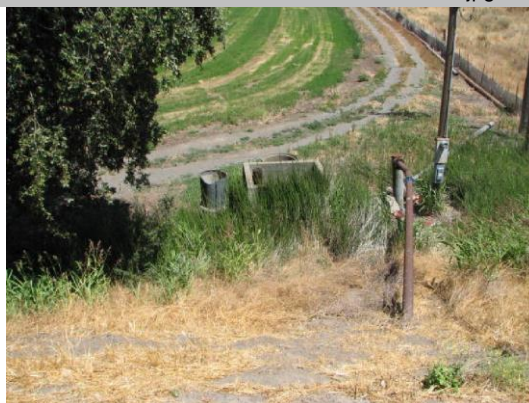
Photo 1 of 2 : UCIP_SP_2018_41066_7015.jpg



Pump at location where this pipe would have originally been located.

LM Start	15.80	Rating **	M	Issue No.	1834 (cont)
LM End	15.80	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_41066_7014.jpg



Concrete box and galvanized steel standpipe good indicator as to original pipe location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.80	Rating **	M	Issue No.	295
LM End	15.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.389516°	38.388065°
				-121.512818°	-121.513345°
DWR ID	DWR_MA0009_01_s_2018_295				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	15.85	Rating **	M	Issue No.	314
LM End	15.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.388870 °	38.388870 °
				-121.513019 °	-121.513019 °
DWR ID	DWR_MA0009_01_s_2017_314				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.85	Rating **	M	Issue No.	432
LM End	15.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.388827 °	38.388827 °
				-121.513034 °	-121.513034 °
DWR ID	DWR_MA0009_01_f_2017_432				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on waterside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.87	Rating **	C	Issue No.	441
LM End	15.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.388551 °	38.388551 °
				-121.513085 °	-121.513085 °
DWR ID	DWR_MA0009_01_f_2017_441				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes at landside hinge point and on slope.					

No Photos

LM Start	15.88	Rating **	U	Issue No.	1835
LM End	15.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.388480 °	38.388480 °
				-121.513160 °	-121.513160 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51256 DS_ID:17433 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection pipe has been abandoned. Crossing remains "Urgent" due to WS pipe inlet opened (unable to confirm--pipe has been disconnected). (O. Magana - DWR UCIP)06/25/2012 Pump and gate valve removed from pumphouse. Pipe needs to be closed or properly abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through levee, 13.3 feet below crown. Pump and gate valve missing from the waterside (WS) slope. Service pole and concrete distribution box located at the toe of landside (LS) slope. 1-inch galvanized steel electrical conduit through the levee parallel to the 8-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 39.99). FS Date: 12/2/2016					

Photo 1 of 3 : UCIP_SP_2018_51256_20814.jpg



WS shoulder: pumphouse missing walls, pump, and gate valve

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	15.88	Rating **	U	Issue No.	1835 (cont)	
LM End	15.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.388480 °	38.388480 °	
				-121.513160 °	-121.513160 °	
DWR ID						

Comment Code

Inspector Comment

FS_ID:51256
DS_ID:17433
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/02/2016 same as last inspection pipe has been abandoned. Crossing remains "Urgent" due to WS pipe inlet opened (unable to confirm--pipe has been disconnected). (O. Magana - DWR UCIP)06/25/2012 Pump and gate valve removed from pumphouse. Pipe needs to be closed or properly abandoned. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through levee, 13.3 feet below crown. Pump and gate valve missing from the waterside (WS) slope. Service pole and concrete distribution box located at the toe of landside (LS) slope. 1-inch galvanized steel electrical conduit through the levee parallel to the 8-inch pipe.
[Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 39.99).
FS Date: 12/2/2016

LM Start	15.88	Rating **	U	Issue No.	1835 (cont)
LM End	15.88	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_51256_20813.jpg



Open pipe where pump and gate valve should be located.

Photo 3 of 3 : UCIP_SP_2018_51256_20812.jpg



Pipe, JP, meter, and concrete distribution box on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	16.00	Rating **	M	Issue No.	345
LM End	16.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.386751 °	38.386751 °
				-121.513963 °	-121.513963 °
DWR ID	DWR_MA0009_01_s _ 2017_345				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on landside levee slope.					

No Photos

LM Start	16.01	Rating **	M	Issue No.	257
LM End	16.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.386692 °	38.386381 °
				-121.514032 °	-121.514210 °
DWR ID	DWR_MA0009_01_f _ 2016_257				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	16.02	Rating **	M	Issue No.	952
LM End	16.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.386542 °	38.386542 °
				-121.514111 °	-121.514111 °
DWR ID	DWR_MA0009_01_s _ 2012_952				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	16.03	Rating **	M	Issue No.	202
LM End	16.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.386420 °	38.385235 °
				-121.514125 °	-121.515025 °
DWR ID	DWR_MA0009_01_s _ 2012_202				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Rosebud and house upstream					

Photo 1 of 1 : SP_2018_MA0009_201_202_20180306_00154.jpg



View of the trees on the landward slope of the levee looking upstream.
Spring 2016.

LM Start	16.14	Rating **	M	Issue No.	340
LM End	16.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.385032 °	38.382020 °
				-121.515186 °	-121.519448 °
DWR ID	DWR_MA0009_01_s _ 2018_340				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	16.15	Rating **	M	Issue No.	1836
LM End	16.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.384990 °	38.384990 °
				-121.515280 °	-121.515280 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5186 DS_ID:17434 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump missing from platform. FIELD_STRUCT_DESC: 8-inch pipe through levee, 11.8 feet below crown. Slant pump on waterward slope. gate valve, 24-inch concrete standpipe, and concrete distribution box on LS toe. Meter on pole LS toe. 1-inch galvanized steel electrical conduit through the levee 11.8 feet below the crown. Originally included in O+M manual (1955). FS Date: 6/26/2012 2:02:36 PM					

Photo 1 of 3 : UCIP_SP_2018_5186_7023.jpg



Gate valve, standpipe, concret distribution box, pole, and meter on LS toe.

LM Start	16.15	Rating **	M	Issue No.	1836 (cont)
LM End	16.15	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5186_7022.jpg



Open pumphouse with breaker and missing pump shown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	16.15	Rating **	M	Issue No.	1836 (cont)	
LM End	16.15	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.384990 °	38.384990 °	
				-121.515280 °	-121.515280 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5186 DS_ID:17434 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump missing from platform. FIELD_STRUCT_DESC: 8-inch pipe through levee, 11.8 feet below crown. Slant pump on waterward slope. gate valve, 24-inch concrete standpipe, and concrete distribution box on LS toe. Meter on pole LS toe. 1-inch galvanized steel electrical conduit through the levee 11.8 feet below the crown. Originally included in O+M manual (1955). FS Date: 6/26/2012 2:02:36 PM						

Photo 3 of 3 : UCIP_SP_2018_5186_7021.jpg



Missing pump.

LM Start	16.15	Rating **	M	Issue No.	953
LM End	16.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.384924 °	38.384924 °
				-121.515363 °	-121.515363 °
DWR ID	DWR_MA0009_01_s_2012_953				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	16.50	Rating **	M	Issue No.	326
LM End	17.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.381606 °	38.370683 °
				-121.520088 °	-121.520929 °
DWR ID	DWR_MA0009_01_s_2018_326				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	16.80	Rating **	M	Issue No.	433
LM End	16.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.378335 °	38.378335 °
				-121.523509 °	-121.523509 °
DWR ID	DWR_MA0009_01_f_2017_433				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion at waterside hinge point.					

Photo 1 of 1 : SP_2018_MA0009_201_433_20180306_00316.jpg



View of erosion at hinge point. Fall 2017.

LM Start	16.81	Rating **	M	Issue No.	434
LM End	16.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.378201 °	38.378201 °
				-121.523551 °	-121.523551 °
DWR ID	DWR_MA0009_01_f_2017_434				
Comment Code					
DE : Debris					
Inspector Comment					
Pontoon boat on waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.10	Rating **	M	Issue No.	1837
LM End	17.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.374100 °	38.374100 °
				-121.522350 °	-121.522350 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5929 DS_ID:18960 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.25-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 6 feet below the crown, at the upstream side of the boat ramp walkway. FS Date: 6/26/2012 3:56:24 PM					

Photo 1 of 2 : UCIP_SP_2018_5929_9022.jpg



Pipe on upstream side of pier walkway.

LM Start	17.10	Rating **	M	Issue No.	1837 (cont)
LM End	17.10	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5929_9021.jpg



Pier on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.10	Rating **	M	Issue No.	1838
LM End	17.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.374080 °	38.374080 °
				-121.522360 °	-121.522360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5930 DS_ID:18961 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 6 feet below the crown, at the upstream side of the boat ramp walkway. FS Date: 6/26/2012 3:58:33 PM					

Photo 1 of 2 : UCIP_SP_2018_5930_9024.jpg



Pipes on upstream side of pier walkway.

LM Start	17.10	Rating **	M	Issue No.	1838 (cont)
LM End	17.10	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5930_9023.jpg



Pier walkway on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.11	Rating **	M	Issue No.	1839
LM End	17.11	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.374070 °	38.374070 °
				-121.522360 °	-121.522360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5945 DS_ID:18962 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 6 feet below the crown, at the upstream side of the boat ramp walkway. FS Date: 6/26/2012 3:59:00 PM					

Photo 1 of 2 : UCIP_SP_2018_5945_9086.jpg



Pipes on upstream side of pier walkway.

LM Start	17.11	Rating **	M	Issue No.	1839 (cont)
LM End	17.11	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5945_9085.jpg



Pier walkway on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.18	Rating **	N	Issue No.	258
LM End	17.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.373060 °	38.373060 °
				-121.521868 °	-121.521868 °
DWR ID	DWR_MA0009_01_f_2016_258				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
May pose threat to the levee in future.					

Photo 1 of 1 : SP_2018_MA0009_201_258_20180306_00207.jpg



Decomposing tree body and root on waterside slope looking upstream.
Fall 2016.

LM Start	17.30	Rating **	M	Issue No.	435
LM End	17.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.371456 °	38.371456 °
				-121.521213 °	-121.521213 °
DWR ID	DWR_MA0009_01_f_2017_435				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.36	Rating **	M	Issue No.	1840
LM End	17.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370596 °	38.370596 °
				-121.520907 °	-121.520907 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5222 DS_ID:17452 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump disconnected from pipe in pumphouse. FIELD_STRUCT_DESC: 8-inch steel pipe sleeved through 10-inch pipe on WS and 10-inch pipe sleeved through 12-inch pipe on LS, 6.0 feet below crown. Pump disconnected and gate valve in pump house on waterward slope. 1.5-inch steel electrical conduit through the levee and parallel to the 8-inch steel pipe. Originally included in O+M manual (1955). FS Date: 6/26/2012 3:02:29 PM					

Photo 1 of 3 : UCIP_SP_2018_5222_7111.jpg



Concrete standpipe under heavy vegetation at LS toe.

LM Start	17.36	Rating **	M	Issue No.	1840 (cont)
LM End	17.36	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5222_7110.jpg



10-inch sleeved through a 12-inch pipe on the LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.36	Rating **	M	Issue No.	1840 (cont)	
LM End	17.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.370596 °	38.370596 °	
				-121.520907 °	-121.520907 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5222 DS_ID:17452 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump disconnected from pipe in pumphouse. FIELD_STRUCT_DESC: 8-inch steel pipe sleeved through 10-inch pipe on WS and 10-inch pipe sleeved through 12-inch pipe on LS, 6.0 feet below crown. Pump disconnected and gate valve in pump house on waterward slope. 1.5-inch steel electrical conduit through the levee and parallel to the 8-inch steel pipe. Originally included in O+M manual (1955). FS Date: 6/26/2012 3:02:29 PM						

Photo 3 of 3 : UCIP_SP_2018_5222_7109.jpg



Pump removed from pipe inside pumphouse on WS.

LM Start	17.37	Rating **	M	Issue No.	199
LM End	17.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.370453 °	38.370453 °
				-121.520878 °	-121.520878 °
DWR ID	DWR_MA0009_01_s_2017_199				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_199_20180306_00151.jpg



View of the trees and shrubs on the landward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.44	Rating **	M	Issue No.	1841
LM End	17.44	Issue Type +	En	Location *	
Category	Supplemental	GPS Latitude/Longitude			
		Start	End		
Item	DWR UCIP Field Study	38.369520 °	38.369520 °		
		-121.520490 °	-121.520490 °		
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5932 DS_ID:17428 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: need to clear vegetation from area in order to find pipe. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe of an unknown material or purpose through the levee, 4 feet below the crown. Pipe open on the waterside (WS). Pipe not visible on the landside (LS). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/26/2012 3:18:00 PM					

No Photos

LM Start	17.49	Rating **	M	Issue No.	1842
LM End	17.49	Issue Type +	En	Location *	
Category	Supplemental	GPS Latitude/Longitude			
		Start	End		
Item	DWR UCIP Field Study	38.368740 °	38.368740 °		
		-121.520400 °	-121.520400 °		
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5933 DS_ID:18964 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 3.5 feet below the crown. Shutoff valve on the waterside (WS) slope under building. FS Date: 6/26/2012 4:02:26 PM					

Photo 1 of 3 : UCIP_SP_2018_5933_9043.jpg



Pipe under walkway of building on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.49	Rating **	M	Issue No.	1842 (cont)
LM End	17.49	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368740 °	38.368740 °
				-121.520400 °	-121.520400 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5933 DS_ID:18964 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 3.5 feet below the crown. Shutoff valve on the waterside (WS) slope under building. FS Date: 6/26/2012 4:02:26 PM					

Photo 2 of 3 : UCIP_SP_2018_5933_9042.jpg



Valve sticking up under building on WS slope.

LM Start	17.49	Rating **	M	Issue No.	1842 (cont)
LM End	17.49	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5933_9041.jpg



Building at waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.50	Rating **	M	Issue No.	1843
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368590 °	38.368590 °
				-121.520310 °	-121.520310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5934 DS_ID:18965 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2.5-inch steel electrical conduit through the levee, 6 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:04:34 PM					

Photo 1 of 2 : UCIP_SP_2018_5934_9045.jpg



Pipes through levee on WS slope.

LM Start	17.50	Rating **	M	Issue No.	1843 (cont)
LM End	17.50	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5934_9044.jpg



Pipes through levee on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.50	Rating **	M	Issue No.	1844
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368580 °	38.368580 °
				-121.520310 °	-121.520310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5935 DS_ID:18966 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch steel electrical conduit through the levee, 7 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:06:28 PM					

Photo 1 of 2 : UCIP_SP_2018_5935_9047.jpg



Pipes through levee on WS slope.

LM Start	17.50	Rating **	M	Issue No.	1844 (cont)
LM End	17.50	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_5935_9046.jpg



Pipes through levee on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.50	Rating **	M	Issue No.	1845
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368570 °	38.368570 °
				-121.520310 °	-121.520310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5936 DS_ID:18968 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permits identified for this crossing. FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 5.5 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:07:33 PM					

Photo 1 of 1 : UCIP_SP_2018_5936_9048.jpg



Pipes through levee on WS slope.

LM Start	17.50	Rating **	M	Issue No.	1846
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368560 °	38.368560 °
				-121.520300 °	-121.520300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5937 DS_ID:18967 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 5 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:08:42 PM					

Photo 1 of 2 : UCIP_SP_2018_5937_9050.jpg



Pipes through levee on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.50	Rating **	M	Issue No.	1846 (cont)
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368560 °	38.368560 °
				-121.520300 °	-121.520300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5937 DS_ID:18967 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 5 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:08:42 PM					

Photo 2 of 2 : UCIP_SP_2018_5937_9049.jpg



Pipe exiting from concret wall on LS shoulder.

LM Start	17.52	Rating **	M	Issue No.	1847
LM End	17.52	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368270 °	38.368270 °
				-121.520220 °	-121.520220 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5938 DS_ID:18969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch cast iron sewer line through the levee, 2.5 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:10:08 PM					

Photo 1 of 2 : UCIP_SP_2018_5938_9052.jpg



Pipe through levee on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.52	Rating **	M	Issue No.	1847 (cont)					
LM End	17.52	Issue Type +	En	Location *						
Category	Supplemental		GPS Latitude/Longitude							
			Start	End						
Item	DWR UCIP Field Study		38.368270 °	38.368270 °						
			-121.520220 °	-121.520220 °						
DWR ID										
Comment Code										
Inspector Comment										
FS_ID:5938 DS_ID:18969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch cast iron sewer line through the levee, 2.5 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:10:08 PM										

Photo 2 of 2 : UCIP_SP_2018_5938_9051.jpg



Pipe under south corner of building on WS slope.

LM Start	17.57	Rating **	M	Issue No.	1848					
LM End	17.57	Issue Type +	En	Location *						
Category	Supplemental		GPS Latitude/Longitude							
			Start	End						
Item	DWR UCIP Field Study		38.367650 °	38.367650 °						
			-121.520040 °	-121.520040 °						
DWR ID										
Comment Code										
Inspector Comment										
FS_ID:5939 DS_ID:18963 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) domestic water line through the levee, 1.5 feet below the crown. Pipe runs from corner of building to pump house catwalk on the waterside (WS) shoulder. FS Date: 7/25/2012 4:11:55 PM										

Photo 1 of 2 : UCIP_SP_2018_5939_9054.jpg



PVC waterline on downstream side of pier walkway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.57	Rating **	M	Issue No.	1848 (cont)	
LM End	17.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.367650 °	38.367650 °	
				-121.520040 °	-121.520040 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5939 DS_ID:18963 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) domestic water line through the levee, 1.5 feet below the crown. Pipe runs from corner of building to pump house catwalk on the waterside (WS) shoulder. FS Date: 7/25/2012 4:11:55 PM						

Photo 2 of 2 : UCIP_SP_2018_5939_9053.jpg



cut through concrete at building on LS shoulder where waterline was installed (per inspector).

LM Start	17.57	Rating **	A/W	Issue No.	293	
LM End	17.87	Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.367561 °	38.363287 °	
				-121.520004 °	-121.519847 °	
DWR ID	DWR_MA0009_01_f_2017_293					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:59						
Site Designation:106-165						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.59	Rating **	U	Issue No.	1849
LM End	17.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.367310 °	38.367310 °
				-121.519980 °	-121.519980 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51466
DS_ID:17682
EP_NO: 9635
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/02/2016 Sink hole has developed in the last few weeks according to LMA representative. Hole through pipe section was also observed during inspection. Need to contact owner to inform owner of pipe failure and to stop use of crossing to avoid further damage to levee. (O. Magana - DWR UCIP)06/26/2012 No apparent closure device on pipe and pipe has no indication that it was properly abandoned. Urgent do to size of pipe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Pipe runs under the pier walkway from the location of a removed fish screen test facility at the centerline of the levee back to the river. A 4-inch steel conduit runs parallel to the 36-inch pipe and terminates in the 36-inch pipe near the waterside (WS) slope. (Fish screen clogging engineering test facility with pump authorized under Permit Nos. 9635, 1974, and 9635-B, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch. Permit No. 9635-A, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch, issued for two trailers on the crown and the installation of a septic system. Facility is temporary. It should have been removed on July 1, 1977, per permit recordation, Page 29 or 76).
FS Date: 12/2/2016

LM Start	17.59	Rating **	U	Issue No.	1849 (cont)
LM End	17.59	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_51466_20815.jpg



Pipe under pier.

Photo 2 of 3 : UCIP_SP_2018_51466_76372.jpg



WS view: Sink hole present along pipe alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.59	Rating **	U	Issue No.	1849 (cont)	
LM End	17.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.367310 °		38.367310 °
				-121.519980 °		-121.519980 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51466 DS_ID:17682 EP_NO: 9635 Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Sink hole has developed in the last few weeks according to LMA representative. Hole through pipe section was also observed during inspection. Need to contact owner to inform owner of pipe failure and to stop use of crossing to avoid further damage to levee. (O. Magana - DWR UCIP)06/26/2012 No apparent closure device on pipe and pipe has no indication that it was properly abandoned. Urgent do to size of pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Pipe runs under the pier walkway from the location of a removed fish screen test facility at the centerline of the levee back to the river. A 4-inch steel conduit runs parallel to the 36-inch pipe and terminates in the 36-inch pipe near the waterside (WS) slope. (Fish screen clogging engineering test facility with pump authorized under Permit Nos. 9635, 1974, and 9635-B, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch. Permit No. 9635-A, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch, issued for two trailers on the crown and the installation of a septic system. Facility is temporary. It should have been removed on July 1, 1977, per permit recordation, Page 29 or 76). FS Date: 12/2/2016						

Photo 3 of 3 : UCIP_SP_2018_51466_76373.jpg



WS view: 2.5-feet by 3-feet sink hole present on WS.

LM Start	17.62	Rating **	M	Issue No.	198
LM End	17.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.366900 °	38.366900 °
				-121.520022 °	-121.520022 °
DWR ID	DWR_MA0009_01_s_2012_198				
Comment Code					
BU : Building					
Inspector Comment					
Pumphouse downstream of the Town of Hood.					

Photo 1 of 1 : SP_2018_MA0009_201_198_20180306_00150.jpg



View of the old pumphouse at the toe of the levee on the landward side looking downstream. Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	17.62	Rating **	M	Issue No.	320
LM End	18.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.366885 °	38.361417 °
				-121.519999 °	-121.520093 °
DWR ID	DWR_MA0009_01_s _ 2018_320				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.65	Rating **	M	Issue No.	436
LM End	17.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.366512 °	38.366512 °
				-121.520069 °	-121.520069 °
DWR ID	DWR_MA0009_01_f _ 2017_436				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen limb on waterside slope.					

No Photos

LM Start	18.08	Rating **	M	Issue No.	40
LM End	18.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.360380 °	38.360380 °
				-121.520776 °	-121.520776 °
DWR ID	DWR_MA0009_01_s _ 2016_40				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_40_20180306_00028.jpg



View of the wrought iron fence on the shoulder of the levee on the landward side looking upstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.10	Rating **	M	Issue No.	1850	
LM End	18.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.360178 °		38.360178 °
				-121.521098 °		-121.521098 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41064 DS_ID:17688 EP_NO: 2391 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear to be abandoned. Need to properly abandon pipe and pump. Pier is a hazardous attractive nuisance. FIELD_STRUCT_DESC: 2 of 2: 12-inch pipe through levee, 7.3 feet below crown with an 8-inch pipe sleeved through it. Pipe and gate valve on waterward side attached to a pump on a pier. 1.25-inch galvanized steel electrical conduit through levee parallel to the 12-inch. 24-inch concrete standpipe, JP, and meter at LS toe (Permit No. 2391). Originally included in O+M manual (1955). FS Date: 6/26/2012 7:49:00 AM						

Photo 1 of 3 : UCIP_SP_2018_41064_7277.jpg



12-inch with 8-inch on WS slope and 1.25-inch electrical conduit.

LM Start	18.10	Rating **	M	Issue No.	1850 (cont)
LM End	18.10	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_41064_7276.jpg



Pump on Pier on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.10	Rating **	M	Issue No.	1850 (cont)	
LM End	18.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.360178	°	38.360178
				-121.521098	°	-121.521098
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41064 DS_ID:17688 EP_NO: 2391 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear to be abandoned. Need to properly abandon pipe and pump. Pier is a hazardous attractive nuisance. FIELD_STRUCT_DESC: 2 of 2: 12-inch pipe through levee, 7.3 feet below crown with an 8-inch pipe sleeved through it. Pipe and gate valve on waterward side attached to a pump on a pier. 1.25-inch galvanized steel electrical conduit through levee parallel to the 12-inch. 24-inch concrete standpipe, JP, and meter at LS toe (Permit No. 2391). Originally included in O+M manual (1955). FS Date: 6/26/2012 7:49:00 AM						

Photo 3 of 3 : UCIP_SP_2018_41064_7275.jpg



Ruptured pipe in water at WS toe.

LM Start	18.16	Rating **	M	Issue No.	197
LM End	18.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.359501 °	38.359501 °
				-121.521774 °	-121.521774 °
DWR ID	DWR_MA0009_01_s_2012_197				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_197_20180306_00149.jpg



View of the groundcover and redwood trees on the landward side of the levee looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.21	Rating **	M	Issue No.	319
LM End	18.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.359101 °	38.358405 °
				-121.522542 °	-121.524115 °
DWR ID	DWR_MA0009_01_s_2018_319				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	18.22	Rating **	M	Issue No.	1851
LM End	18.22	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.359050 °	38.359050 °
				-121.522800 °	-121.522800 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5305 DS_ID:17446 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Could not verify welded steel plates on either end of pipe. Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe through levee, 8.8 feet below crown. Steel plate welded on both ends by United States Army Corps of Engineers. Pipe visible on LS 5-feet upstream from 4X4 concrete box on LS toe. Originally included in O+M manual (1955). FS Date: 6/26/2012 8:06:32 AM					

Photo 1 of 3 : UCIP_SP_2018_5305_7280.jpg



Pipe through concrete block on LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.22	Rating **	M	Issue No.	1851 (cont)	
LM End	18.22	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.359050 °	38.359050 °	
				-121.522800 °	-121.522800 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5305						
DS_ID:17446						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Could not verify welded steel plates on either end of pipe. Pipe needs to be properly abandoned.						
FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe through levee, 8.8 feet below crown. Steel plate welded on both ends by United States Army Corps of Engineers. Pipe visible on LS 5-feet upstream from 4X4 concrete box on LS toe. Originally included in O+M manual (1955).						
FS Date: 6/26/2012 8:06:32 AM						

Photo 2 of 3 : UCIP_SP_2018_5305_7279.jpg



Pipe on LS toe.

LM Start	18.22	Rating **	M	Issue No.	1851 (cont)
LM End	18.22	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_5305_7278.jpg



Pipe 5-feet upstream from 4X4 concrete box on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.31	Rating **	M	Issue No.	1852	
LM End	18.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.358430 °		38.358430 °
				-121.524130 °		-121.524130 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5306 DS_ID:17447 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump leaking oil and siphon breaker on landward slope is burried or has been removed. Need to repair oil leak, locate/repair siphon breaker, and remove foliage from around gate valve on WS. FIELD_STRUCT_DESC: 1 of 3: 10-inch pipe through levee, 7.0 feet below crown. Slant pump on pile structure in stream. Siphon break on landward slope buried. One cm cutoff wall. Service pole and concrete standpipe on landward side. Originally included in O+M manual (1955). FS Date: 6/26/2012 8:35:06 AM						

Photo 1 of 3 : UCIP_SP_2018_5306_7283.jpg



Concrete standpipe, Joint pole, and meter on LS toe.

LM Start	18.31	Rating **	M	Issue No.	1852 (cont)
LM End	18.31	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5306_7282.jpg



various pipes on WS slope that accompany the slant pump.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.31	Rating **	M	Issue No.	1852 (cont)	
LM End	18.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.358430 °		38.358430 °
				-121.524130 °		-121.524130 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5306 DS_ID:17447 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump leaking oil and siphon breaker on landward slope is burried or has been removed. Need to repair oil leak, locate/repair siphon breaker, and remove foliage from around gate valve on WS. FIELD_STRUCT_DESC: 1 of 3: 10-inch pipe through levee, 7.0 feet below crown. Slant pump on pile structure in stream. Siphon break on landward slope buried. One cm cutoff wall. Service pole and concrete standpipe on landward side. Originally included in O+M manual (1955). FS Date: 6/26/2012 8:35:06 AM						

Photo 3 of 3 : UCIP_SP_2018_5306_7281.jpg



Slant pump on pile structure on WS slope.

LM Start	18.32	Rating **	M	Issue No.	956
LM End	18.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.358278 °	38.358278 °
				-121.524323 °	-121.524323 °
DWR ID	DWR_MA0009_01_s_2012_956				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_956_20180306_00319.jpg



View of the brick wall and landscaping on the landward side of the levee looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.36	Rating **	M	Issue No.	440
LM End	18.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.357983 °	38.357983 °
				-121.524893 °	-121.524893 °
DWR ID	DWR_MA0009_01_f_2017_440				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion around culvert inlet on landside slope.					

No Photos

LM Start	18.39	Rating **	M	Issue No.	308
LM End	18.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.357729 °	38.351312 °
				-121.525244 °	-121.531631 °
DWR ID	DWR_MA0009_01_s_2018_308				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	18.43	Rating **	U	Issue No.	332
LM End	18.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.357278 °	38.357278 °
				-121.525817 °	-121.525817 °
DWR ID	DWR_MA0009_01_s_2017_332				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on landside slope next to drainage gutter.					

Photo 1 of 2 : SP_2018_MA0009_201_332_20180306_00265.jpg



Updated view of erosion. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.43	Rating **	U	Issue No.	332 (cont)	
LM End	18.43	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.357278 °	38.357278 °	
				-121.525817 °	-121.525817 °	
DWR ID	DWR_MA0009_01_s_2017_332					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Erosion on landside slope next to drainage gutter.						

Photo 2 of 2 : SP_2018_MA0009_201_332_20180306_00266.jpg



View of erosion on landside levee slope. Spring 2017.

LM Start	18.57	Rating **	M	Issue No.	439
LM End	18.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.355643 °	38.355643 °
				-121.527347 °	-121.527347 °
DWR ID	DWR_MA0009_01_f_2017_439				
Comment Code					
FW : Firewood					
Inspector Comment					
Firewood on landside slope and toe.					

No Photos

LM Start	18.58	Rating **	M	Issue No.	438
LM End	18.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.355518 °	38.355518 °
				-121.527468 °	-121.527468 °
DWR ID	DWR_MA0009_01_f_2017_438				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large log on landside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.60	Rating **	M	Issue No.	1853
LM End	18.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.355380 °	38.355380 °
				-121.527660 °	-121.527660 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:5311
DS_ID:17449
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No pump connection and no closure device found. Pipe needs to be closed and abandoned properly. Notes in levee log indicate that this pipe had welded steel plates but none were found on pipe ends.
FIELD_STRUCT_DESC: 12-inch asphalt wrapped steel irrigation pipe with pipe sleeved through it through the levee, 4 feet below the crown. Pump components on concrete pad on the waterside (WS) slope. Siphon breaker on landside (LS) slope is missing. Remnants of a 36-inch concrete pipe riser on the LS toe. One corrugated metal cutoff wall. 2-inch galvanized steel electrical conduit through the levee, at an unknown depth, to a joint pole (JP) on the LS. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 111, May 1959, (RM 37.32), listed as a 6-inch pipe, 6.7 feet below the crown].
FS Date: 6/26/2012 9:33:51 AM

LM Start	18.60	Rating **	M	Issue No.	1853 (cont)
LM End	18.60	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_5311_7294.jpg



Concrete pad for missing pump on WS slope. 2-inch galvanized electrical conduit in foreground.

Photo 2 of 3 : UCIP_SP_2018_5311_7293.jpg



12-inch pipe with 4-inch attachment or sleeved through. Fuse box.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.60	Rating **	M	Issue No.	1853 (cont)	
LM End	18.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.355380 °	38.355380 °	
				-121.527660 °	-121.527660 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5311 DS_ID:17449 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No pump connection and no closure device found. Pipe needs to be closed and abandoned properly. Notes in levee log indicate that this pipe had welded steel plates but none were found on pipe ends. FIELD_STRUCT_DESC: 12-inch asphalt wrapped steel irrigation pipe with pipe sleeved through it through the levee, 4 feet below the crown. Pump components on concrete pad on the waterside (WS) slope. Siphon breaker on landside (LS) slope is missing. Remnants of a 36-inch concrete pipe riser on the LS toe. One corrugated metal cutoff wall. 2-inch galvanized steel electrical conduit through the levee, at an unknown depth, to a joint pole (JP) on the LS. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 111, May 1959, (RM 37.32), listed as a 6-inch pipe, 6.7 feet below the crown]. FS Date: 6/26/2012 9:33:51 AM						

Photo 3 of 3 : UCIP_SP_2018_5311_7295.jpg



Remnants of 36-inch concrete standpipe on LS toe.

LM Start	18.63	Rating **	M	Issue No.	315
LM End	18.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.355026 °	38.355026 °
				-121.528077 °	-121.528077 °
DWR ID	DWR_MA0009_01_s_2017_315				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Runoff erosion at waterside hinge point.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.70	Rating **	C	Issue No.	330
LM End	18.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.354211 °	38.354211 °
				-121.528818 °	-121.528818 °
DWR ID	DWR_MA0009_01_s _ 2017_330				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree has created a void within the levee prisim on the landside slope.					

No Photos

LM Start	18.70	Rating **	M	Issue No.	190
LM End	18.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.354253 °	38.354253 °
				-121.528928 °	-121.528928 °
DWR ID	DWR_MA0009_01_s _ 2012_190				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	18.74	Rating **	M	Issue No.	192
LM End	18.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.353785 °	38.353038 °
				-121.529430 °	-121.530123 °
DWR ID	DWR_MA0009_01_s _ 2012_192				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.77	Rating **	M	Issue No.	259
LM End	18.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.353355 °	38.353355 °
				-121.529693 °	-121.529693 °
DWR ID	DWR_MA0009_01_f_2016_259				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.84	Rating **	M	Issue No.	437
LM End	18.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.352528 °	38.352528 °
				-121.530385 °	-121.530385 °
DWR ID	DWR_MA0009_01_f_2017_437				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on landside slope and access ramp.					

Photo 1 of 1 : SP_2018_MA0009_201_437_20180306_00317.jpg



View of erosion on landside slope and ramp. Fall 2017.

LM Start	18.92	Rating **	M	Issue No.	193
LM End	18.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351783 °	38.351783 °
				-121.531403 °	-121.531403 °
DWR ID	DWR_MA0009_01_s_2012_193				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.94	Rating **	M	Issue No.	1854
LM End	18.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.351440 °	38.351440 °
				-121.531580 °	-121.531580 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5780 DS_ID:17554 EP_NO: 6001 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Black PVC pipe on LS shoulder not connected to 3-inch pipe through the levee and there is no shutoff valve. FIELD_STRUCT_DESC: 3-inch galvanized iron drainage pipe through the levee, 3 feet below the crown. Concrete boxes on both ends of the pipe. Steel sign post on the landside (LS) shoulder marks concrete box. Black polyvinyl chloride (PVC) pipe runs up the LS slope to concrete headwall and connection to 3-inch pipe. 3.5-inch white PVC pipe runs down the waterside (WS) slope within a corrugated metal sluice. Electrical connection also noted on headwall. (Permit No. 6001, 1968 - Peter D. Scatena). Minor design drawings available in permit. FS Date: 7/25/2012 2:58:03 PM					

Photo 1 of 3 : UCIP_SP_2018_5780_8743.jpg



Concrete headwall on LS slope showing 3-inch pipe, electrical conduit, and sign post.

LM Start	18.94	Rating **	M	Issue No.	1854 (cont)
LM End	18.94	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_5780_8742.jpg



Concrete U shaped headwall at outlet showing white PVC pipe in corrugated metal sluice on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	18.94	Rating **	M	Issue No.	1854 (cont)		
LM End	18.94	Issue Type +	En	Location *			
Category	Supplemental			GPS Latitude/Longitude			
				Start		End	
Item	DWR UCIP Field Study			38.351440	°	38.351440	°
				-121.531580	°	-121.531580	°
DWR ID							
Comment Code							
Inspector Comment							
FS_ID:5780 DS_ID:17554 EP_NO: 6001 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Black PVC pipe on LS shoulder not connected to 3-inch pipe through the levee and there is no shutoff valve. FIELD_STRUCT_DESC: 3-inch galvanized iron drainage pipe through the levee, 3 feet below the crown. Concrete boxes on both ends of the pipe. Steel sign post on the landside (LS) shoulder marks concrete box. Black polyvinyl chloride (PVC) pipe runs up the LS slope to concrete headwall and connection to 3-inch pipe. 3.5-inch white PVC pipe runs down the waterside (WS) slope within a corrugated metal sluice. Electrical connection also noted on headwall. (Permit No. 6001, 1968 - Peter D. Scatena). Minor design drawings available in permit. FS Date: 7/25/2012 2:58:03 PM							

Photo 3 of 3 : UCIP_SP_2018_5780_8741.jpg



Concrete stairs on WS slope just upstream from pipe crossing.

LM Start	18.95	Rating **	M	Issue No.	194
LM End	18.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351293 °	38.351293 °
				-121.531639 °	-121.531639 °
DWR ID	DWR_MA0009_01_s_2012_194				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_MA0009_201_194_20180306_00147.jpg



View of the shrubs on the landward side of the levee looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

Sacramento Maintenance Yard Maintenance Area 0009

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	19.03	Rating **	M	Issue No.	1855 (cont)	
LM End	19.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.350460 °	38.350460 °	
				-121.532600 °	-121.532600 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5783 DS_ID:17451 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Oil leaking all over pump platform and ground around pump. CMP riser on LS slope is damaged and should be marked to prevent further damage of siphon breaker and roadway equipment. FIELD_STRUCT_DESC: 12-inch pipe through levee, 4.5 feet below crown. Slant Pump on pile structure on WS slope. Siphon breaker on landward slope. 1.5-inch galvanized electrical conduit 4.5-feet below the crown from JP on LS toe to Breaker on slant pump pier. 36-inch Concrete standpipe on LS toe. One cm cutoff wall. Originally included in O+M manual (1955). FS Date: 7/25/2012 3:15:00 PM						

Photo 3 of 3 : UCIP_SP_2018_5783_8752.jpg



Pipe below structure on upstream side of slantpump.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	19.03	Rating **	U	Issue No.	1856	
LM End	19.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.350450 °	38.350450 °	
				-121.532610 °	-121.532610 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51259 DS_ID:17579 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection. Owner will need to coordinate with CVFPB to comply with Title 23. Crossing remains "Urgent" due to pipe being opened on both WS and LS. (O. Magana - DWR UCIP)07/25/2012 This pipe has been abandoned improperly as it is open on the WS (it should be grouted in place or removed. Original slant pump piping and walkway are still visible on WS slope and may need to be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 6.5 feet below the crown. This pipe is located 2 feet below the 12-inch pipe currently in use (2012). Pipe originally included in USACE O&M manual (1959) as a 10-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (Station 36.88)]. FS Date: 12/2/2016						

Photo 1 of 3 : UCIP_SP_2018_51259_20818.jpg



12-inch abandoned pipe open on WS.

LM Start	19.03	Rating **	U	Issue No.	1856 (cont)
LM End	19.03	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_51259_20817.jpg



3-separate suction pipes on WS slope. All but one abandoned and left open.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	19.03	Rating **	U	Issue No.	1856 (cont)	
LM End	19.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.350450 °	38.350450 °	
				-121.532610 °	-121.532610 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51259 DS_ID:17579 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection. Owner will need to coordinate with CVFPB to comply with Title 23. Crossing remains "Urgent" due to pipe being opened on both WS and LS. (O. Magana - DWR UCIP)07/25/2012 This pipe has been abandoned improperly as it is open on the WS (it should be grouted in place or removed. Original slant pump piping and walkway are still visible on WS slope and may need to be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 6.5 feet below the crown. This pipe is located 2 feet below the 12-inch pipe currently in use (2012). Pipe originally included in USACE O&M manual (1959) as a 10-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (Station 36.88)]. FS Date: 12/2/2016						

Photo 3 of 3 : UCIP_SP_2018_51259_20816.jpg



Discarded metal walkway ramp and slant pump appurtenances on WS slope.

LM Start	19.05	Rating **	C	Issue No.	324
LM End	19.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.350163 °	38.350163 °
				-121.532868 °	-121.532868 °
DWR ID	DWR_MA0009_01_f_2017_324				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes on landside slope. Previously grouted area where new holes have developed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	19.13	Rating **	M	Issue No.	1857
LM End	19.13	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.349330 °	38.349330 °
				-121.533830 °	-121.533830 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5943 DS_ID:17477 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is a good candidate for video inspection. headwall is cracked and generally looking in poor repair. This may need some work. FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.0 feet below crown. Pump on concrete pad waterward slope with a siphon breaker in a 12-inch steel riser on the LS shoulder and a shutoff valve on the WS shoulder. Service pole on landward slope. Originally included in O+M manual as a 3-inch pipe(1955). FS Date: 7/25/2012 3:45:00 PM					

LM Start	19.13	Rating **	M	Issue No.	1857 (cont)
LM End	19.13	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_5943_9076.jpg



Siphon breaker on LS shoulder with JP and meter on LS toe.

Photo 2 of 3 : UCIP_SP_2018_5943_9075.jpg



Pump on Concrete pad WS slope. meter and valve on headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	19.13	Rating **	M	Issue No.	1857 (cont)	
LM End	19.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.349330 °		38.349330 °
				-121.533830 °		-121.533830 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5943 DS_ID:17477 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is a good candidate for video inspection. headwall is cracked and generally looking in poor repair. This may need some work. FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.0 feet below crown. Pump on concrete pad waterward slope with a siphon breaker in a 12-inch steel riser on the LS shoulder and a shutoff valve on the WS shoulder. Service pole on landward slope. Originally included in O+M manual as a 3-inch pipe(1955). FS Date: 7/25/2012 3:45:00 PM						

Photo 3 of 3 : UCIP_SP_2018_5943_9074.jpg



suction pipe on WS slope.

LM Start	19.18	Rating **	M	Issue No.	304
LM End	19.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.348742 °	38.346788 °
				-121.534433 °	-121.536167 °
DWR ID	DWR_MA0009_01_s_2018_304				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Sacramento Maintenance Yard Maintenance Area 0009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/24/2018 05/02/2018	Zach Jojola

LM Start	19.24	Rating **	C	Issue No.	260
LM End	19.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348103 °	38.347280 °
				-121.535058 °	-121.535814 °
DWR ID	DWR_MA0009_01_f _ 2016_260				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---